2027 VCE Chemistry Units 3/4 Program

About your Principal Tutor, Harley Zhong

Hi all,

I am a MHS graduate from the class of 2018, topping the cohort and the state with a 99.95 ATAR and 217.37 aggregate. I scored Raw 50s for Chemistry, English Language and Maths Methods, as well as Premier's VCE Award for English Language and All Round's Achiever.

In year 8, I taught myself Chemistry Units 3/4 and have continuously been doing practice papers to consolidate my knowledge, eventually attaining a perfect score in year 12. Due to my early experience with this subject, I can offer tremendous insight into the content, techniques, tricks, and traps of Chemistry Units 3/4. I have traversed the hard way so that you can take the easy path to the study score you deserve.

My commitment is not only to bring A+ students to Raw 50, but also to help any struggling student to gain a steady foothold in an otherwise challenging subject so that you can achieve your greatest potential.

You can read about my students' outstanding results on my website:
http://www.vceexceleducation.com/

In 2027, the VCE Chemistry Units 3/4 Program will be led by our Lead Chemistry Tutor, Frank Tang, a Scotch College graduate.
Harley will oversee material development and mock SAC preparation.

From Frank:
Hi everyone!
I graduated in 2024 with an ATAR of 99.95 and a raw 49 in VCE Chemistry, and I'm currently studying the Bachelor of Medical Science and Doctor of Medicine at Monash University.
Beyond VCE Chemistry, I've also taken part in several science Olympiads, earning a spot at the prestigious ASI Chemistry Summer School in 2024. This experience allows me to bring not only a deep understanding of the VCE course, but also a broader perspective on the subject as a whole.
Together with Harley, I'm confident that I can provide both the knowledge and strategies you'll need to succeed in your Chemistry journey.

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Signature Group Program Features

- 2-hour weekly Theory Lessons (delivered by Frank)
- 1-hour weekly Question Workshop (delivered by Frank)
- Worksheet walkthrough (roughly 1 hour) recordings
- 43 lessons course effective group tutoring
- All lessons are recorded. If you miss out, you can catch up by watching the lesson.
- **Raw 40 Study Score Guarantee (if you achieve above 80% on every Module Assessment)**
- **Free 1 on 1 consultations (out-of-class assistance)**

In 2027, our VCE Chemistry Units ¾ Program will offer, yet again, **FREE** 1 on 1 feedback sessions to all students. You can book a **free** consultation with Frank or any other members on our teaching panel for VCE Chemistry on a **weekly** basis. This is an offer unmatched in the entire state/field of VCE Chemistry Tutoring.

Note to students:

Having taught this subject to over 350 students over the years, I believe that the best approach to teach Chemistry Units 3/4 is to complement weekly lessons (2 hours) with another session covering exam/sac-like questions in greater detail (Workshop).

In addition to the lesson notes handed out on a weekly basis, you will maximise exposure to a range of relevant exam/sac grade questions with the 'Workshop'. The 'Workshop' would be delivered on a weekly basis as a Zoom only session.

You will also receive recordings of our Worksheet walkthroughs. This is the best way to individualise Chemistry tutoring as you will be able to work through the recordings and check answers at your own pace (slowing or speeding up the recording).

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2027 Lesson Details

Lesson length:

2 hours Lessons (delivered by Frank)

And

1 hour Zoom Workshop (delivered by Frank)

Lesson fee:

In 2027, our VCE Chemistry Units 3/4 Program is offered as a single Group Program:

Signature Group Program - $100/week***

This includes the **2-hour weekly Group Class** delivered by Frank, and a **1-hour Workshop**.

*Multiple Discount applies*** (See Discount Section)*

*GST exclusive****

Payment mode:

Payments as instalments of 10 lessons, to be paid prior to the lesson commencing the new cycle.

We provide additional discounts for payments of 20 lessons or for the entire course.

Locations:

1. Face to face Balwyn Classroom (16 Porter Road, Balwyn VIC 3103)
2. Zoom (see Q&A section)

Lesson Times:

Group Class: Sunday 12:00-2:00pm (Balwyn or join via Zoom) – delivered by Frank

Workshop (for all students): 1-hour session (Online via Zoom only) – delivered by Frank. The Workshop time will be confirmed in January 2027. Please note there will be no Workshop during the first 4 lessons.

Note:

All students are encouraged to attend the Workshop. Students who cannot make the Workshop will receive the video recording which is equivalent to have attended the Workshop live.

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FAQs

Why pay in instalments (10-week period)?

We'd rather spend time marking your worksheets thoroughly than checking for transfer updates, chasing students for late payment every single week…

Your standards seem pretty stringent, I only want a 30-40, will I feel too much pressure?

Regardless of your study score aims, we will tailor feedback and expectations to your individual goals, and provide you with the assistance necessary to achieve your goals.
We are not only assisting A+ students to Raw 50s; we are helping struggling students gain a steady foothold in an otherwise extremely challenging subject so that you can achieve your highest potential.

Benefits of Zoom Lessons

Zoom lessons offer many features otherwise unattainable through regular face to face sessions.

1. Students are far more responsive in group discussions

Under the 'anonymity' of private messages on Zoom, many students previously 'too shy' to share their insights broke through the barrier and contributed vastly and positively to group discussions.

2. Better efficiency

Typing on screen is much faster than writing on the whiteboard. Lesson notes can be covered more quickly. Annotations of ACs and essays are much more convenient and aesthetic.

3. Lessons are recorded and accessible for revision throughout the entire year

Lessons are readily available on Cloud/Drive for all students to access throughout the year for revision purposes. As opposed to attending the lesson in a face-to-face setting, Zoom lessons allow for re-watching of the lesson recording, consolidation of important concepts and catch ups with anything missed during the lesson. Students who attend Zoom lessons will be able to access the recorded lesson for revision purposes.

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Available Discounts***

1. High scoring students are well rewarded

Raw 50 + Premier's Award: $700 Cash Prize

Raw 50 (No Premier's Award): $500 Cash Prize

2. Referral Discount

Discounts apply to students who recommend our VCE Chemistry Program to their peers. For every friend you bring to our Program, you will enjoy a $50 discount upon your first instalment, and your friend enjoys $50 discount. This is a cumulative discount (more friends, more discount).

3. Bulk payment Discount

For payment in 20 lessons, there will be an extra **5%** discount.

For payments on the entire course, there will be an extra **7%** discount.

4. Loyalty Discounts

Students who have enrolled in the **Units ½ VCE Chemistry Program in 2026** are entitled to a **5%** Loyalty discount over the **entire** course.

5. Multiple Subject Enrolment Discount

VCE Excel Education also offers **VCE English**, **VCE English Language** & **VCE EAL**, as well as **VCE Maths Methods** and **UCAT**. If you enrol with us for any **English subject (VCE English, VCE English Language or VCE EAL) at Units 3/4**, **VCE Maths Methods at Units 3/4**, you will receive **20% off VCE Chemistry Units 3/4** for the **entire year**.

For more information on our other subject offerings, please contact our Founder Harley Zhong directly.

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2027 Lesson Schedule

Since SAC format is highly variable from year to year, this schedule is subject to change. We may or may not conduct lessons in the corresponding weeks. This schedule is only a reference/guide.

Some of these lessons require 2 or more actual lessons to cover due to the sheer length of the underlying chapter. The entire course amounts to 43 lessons.

Module 1: Introduction to Unit 3

Lesson 1: Introduction to Unit 3 Chemistry + Revision of Units ½

Module 2: Unit 3 AOS 1

Lesson 2: Energy and resources
Lesson 3: Energy from fuels Part A
Lesson 4: Energy from fuels Part B
Lesson 5: Revision of Thermochemistry
Lesson 6: Introduction to Redox chemistry and Redox cells Part A
Lesson 7: Redox cells Part B and Electrolysis Part A
Lesson 8: Electrolysis Part B
Lesson 9: Batteries and Fuel Cells
Lesson 10: Application of Electrolysis in Cells and Batteries
(SAC Workshop: Give one lesson as catch up for anything missed)

Module 3: Unit 3 AOS 2

Lesson 11: Rates of Reactions
Lesson 12: Equilibrium Part A
Lesson 13: Equilibrium Part B
Lesson 14: Equilibrium Part C
Lesson 15: Equilibrium Part D
Lesson 16: Unit 3 Revision and Workshop
(SAC Workshop: Give one lesson as catch up if anything missed)

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Module 4: Unit 4 AOS 1

Lesson 17: Introduction to Unit 4

Lesson 18: Introduction to Organic Chemistry

Lesson 19: Organic Chemistry properties

Lesson 20: Organic Chemistry pathway and mechanisms

Lesson 21: Introduction to Analytical Chemistry: Chromatography

Lesson 22: Analytical Chemistry Part B: IR

Lesson 23: Analytical Chemistry Part C: NMR

Lesson 24: Analytical Chemistry Part D: NMR and MS

Lesson 25: Revision of Analytical techniques + Combined Instrumental Analysis

Lesson 26: Volumetric Analysis Part A

Lesson 27: Volumetric Analysis Part B

(SAC Workshop: Give one or two lessons as catch up if anything missed)

Module 5: Unit 4 AOS 2

Lesson 28: Medicinal Chemistry

Lesson 29: Biomolecules

Lesson 30: Enzymes

Lesson 31: Experimental Design and Analysis Part A

Lesson 32: Experimental Design and Analysis Part B

Lesson 33: Experimental Design and Analysis Part C

(SAC Workshop: Give one lesson as catch up for anything missed)

Module 6: Exam Analysis

Lesson 34: Exam Analysis Workshop 1

Lesson 35: Exam Analysis Workshop 2

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