



## 2025 Term 1 HSC Course (25 Jan – 12 Apr)

“Start Year 12 off on the right foot!”

Pre-Uni New College High School proudly announces the commencement of Year 12 HSC Course in Term 1.

As Year 12 commences, it is important for students to get on the right track and formulate a successful plan for the intensive year ahead. We provide detailed material and comprehensive feedback to facilitate preparation and skills in all areas of your education. This will help to build your confidence as you progress throughout your final year of High School.

**Term 1 Year 12 HSC Courses** are tailored to the needs of current Year 12 students to ensure they reinforce knowledge in key topics and to address areas of concern. Students can benefit with key HSC exam techniques and advice for revision.

Please check the Year 12 Term 1 HSC course timetable below. Please note that the Term 1 ‘Early Bird’ payment discount will be available until **23<sup>rd</sup> December**.

### Pre-Uni New College Academic Key Dates

#### 15 December 2024

- E.B Due Date for 2025 Summer Holiday

#### 21 December 2024

- 2024 T4 Ends

#### 23 December 2024

- E.B Due Date for 2025 Term 1

#### 06 - 24 January 2025

- Summer Holiday Course Period

#### 25 January 2025

- 2025 Term 1 Course Begins

#### 15 – 21 March 2025

- Term 1 Term Tests Period

#### 18 - 20 April 2025

- Easter Break – Centre Closed

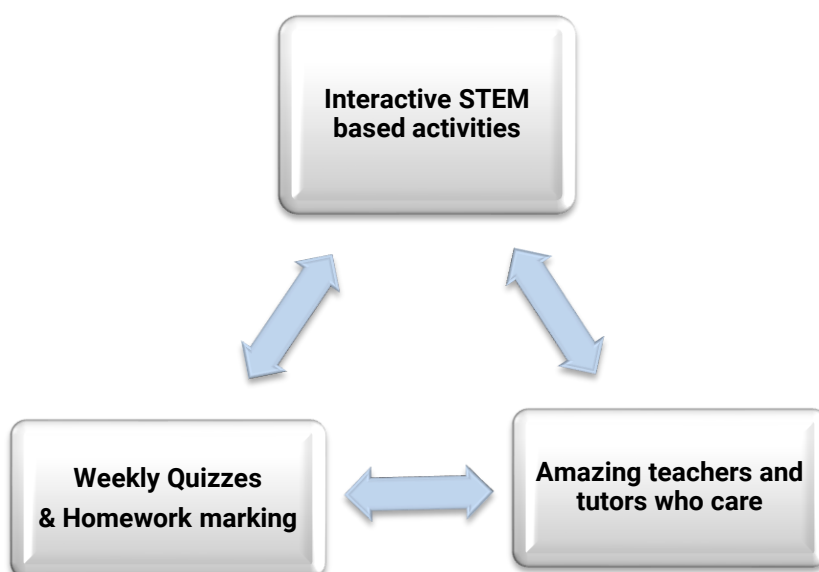
#### 12 April 2025

- Term 1 Course Ends

#### Notes

- 👉 **Equipment**  
Students MUST bring their own scientific calculator to EVERY Maths class.

### What Makes Us Different?



# PRE-UNI NEW COLLEGE

Level 1, 8 - 14 Lyons Street Strathfield NSW 2135/ Tel 9746 1400

Website: [www.newcollege.com.au](http://www.newcollege.com.au)



## 2025 T1 HSC Lesson Topics\*

Physics	Chemistry	Biology	Maths Adv	Maths Ext1	English Adv
Module 7: The Nature of Light: Wave Model I	Module 6: Naming and properties of acids and bases; Theories of acids; Amphiprotic	Module 6: Genetic Change: Biotechnology	Primitive Functions, Area under Curve	Statistics I	Reading to Write [H.S.C.Focus]What, How, Why, [Address to questions] Focus: Linguistic & Poetic Techniques & Poetry Analysis
Module 7: The Nature of Light: Wave Model II	Module 6: Reactions of acids with bases, metal and carbonates; Calculating the heat of neutralization	Module 6: Genetic Change: Genetic Technologies I	Definite/Indefinite Integrals, Reverse Chain rule	Statistics II	Prose Analysis Focus: Language Conventions & Usage
Module 7: Nature of Light: Light: Quantum Model I	Module 6: Applications of neutralization; Calculating the pH and pOH of solutions; Calculating [H <sup>+</sup> ] and [OH <sup>-</sup> ] of solutions	Module 6: Genetic Technologies II	Area Under Curve	Correlation and Regression	Prose Analysis Mini Essays -Focus: Pronouns, Word Choice & Tone
Module 7: Nature of Light: Light and Special Relativity I	Module 6: Modelling strong and weak acids; Comparing strong and weak acids; Calculating the pH of diluted solutions and the resultant solution	Module 6: Module 6 Revision	Geometrical Applications Calculus	Application of Differentiation I	Poetry Analysis Focus: Ideas & Poetic Techniques
Module 7: Nature of Light: Light and Special Relativity II	Module 6: Performing titration calculation; Performing back titration calculations	MODULE 7: Introduction to Infectious Diseases: Types of Pathogens	Trapezoidal rule, Approximation for Area and Integral	Application of Differentiation II	Novel Extract Analysis Focus: Establishing Analysis Techniques and Narrative Voice
Module 8: From the Universe to the Atom: Origins of the Elements I	Module 6: Calculating involving Ka, pKa, kb, and pKb	MODULE 7: Introduction to Infectious Diseases: Investigating the Work of Robert Koch and Louis Pasteur/ Plant & Animal Diseases in Australia	Use of f(x), f'(x), and f''(x) I	Integration I	Essay Writing-Mini Expositions
Module 8: From the Universe to the Atom: Origins of the Elements II	Module 6: Exploring acid/base techniques that are used in industry and by Aboriginal and Torres Strait people	MODULE 7: Introduction to Infectious Diseases: Response to Pathogens	Use of f(x), f'(x), and f''(x) II, Sample Exam tasks	Integration II	Writing Skills Focus: Skillful Critiquing to Analyze, Evaluate & Appreciate Texts
Module 8: From the universe to the atom: Structure of the Atom	Module 6: Properties and Importance of buffers	Module 7: Infectious Disease: Immunity I	Integration of Trigonometry Functions	Differentiation of Non-Power Functions	Term test
Module 8: From the universe to the atom: Quantum Mechanical Nature of the Atom	Topic Review/Exam preparation	Module 7: Infectious Disease: Immunity II, investigating Preventative Procedure of Diseases I	Integration of Exponential Functions	Content Revision	Revision
Term Test	Topic Exam	Module 7: Infectious Disease: Preventative Procedures of Diseases (part 2) & Antivirals & Antibiotics, Controlling Epidemics/Pandemics	Integration involving Logarithm Functions	Term Test	
Additional Exam Style Questions	Exam Recap	Term Test	Term Test	Term Test Feedback	
Revision	Revision	Revision	Revision	Revision	

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## 2025 Term 1 HSC Course Timetable\*

Session	Subject	Class Time
Saturday	Maths Advanced (2U)	8:30am – 10:30am (2 hours)
	Maths Extension 1	8:30am – 10:30am (2 hours)
	English Advanced	10:40am – 12:10pm (1.5 hours)
	Chemistry	1:50pm – 3:50pm (2 hours)
	Physics	3:55pm – 5:55pm (2 hours)
Wednesday	Maths Standard (2U)	6:10pm – 8:10pm (2 hours)
	Maths Extension 1	6:10pm – 8:10pm (2 hours)
Thursday	English Advanced	4:30pm – 6:00pm (1.5 hours)
	Biology	6:10pm – 8:10pm (2 hours)

\* Provisional Timetable – All Class Schedules are Subject to Change.

## 2025 Term 1 HSC Course – Fee Schedule\*

Day	Course Name	Weeks (Lessons)	Material Fee	Course Fee Total	Early Bird Special Offer (until 23 <sup>rd</sup> Dec)
SAT	English Advanced	12	\$30	\$ 732	\$ 673.5
	Maths 2U Advanced	12	\$ 30	\$ 888	\$ 888
	Maths Ext.1/2	12	\$ 30	\$ 888	\$ 888
	Chemistry	12	\$ 30	\$ 888	\$ 888
	Physics	12	\$ 30	\$ 888	\$ 888
WED	Maths 2U Standard	11	\$ 30	\$ 888	\$ 810
	Maths Ext 1	11	\$ 30	\$ 888	\$ 810
THU	Biology	11	\$ 30	\$ 888	\$ 810
	English Advanced	11	\$ 30	\$ 673.5	\$ 615

- **Make a full-term payment for three subjects more and receive a further discount for the tuition fee. Extra 10% discount for three+ subjects.**
- **Sibling Discount or Scholarship Discount:** are applicable only to the full-term fees of normal term Standard 2+ courses and only if paid by **23<sup>rd</sup> December 2024**.
- **An additional 1.03% surcharge** will apply to all credit card payments.