



WILLIAM CLARKE
COLLEGE
CHRIST OUR WISDOM

WILLIAM CLARKE COLLEGE

SECONDARY SUBJECTS



COMPASSION
COURAGE
HOPE
INTEGRITY
HUMILITY

WILLIAM CLARKE COLLEGE'S VIRTUES





OUR SECONDARY CURRICULUM APPROACH

Secondary School begins to prepare students for success beyond the successes they have experienced during their time at the College.

We believe that God has created humans in His image with the capacity to reflect His goodness, wisdom and creativity into the world. In the Secondary years, we seek to activate our students as positive change agents. We do this by giving each student a voice in their learning and enabling them to make meaningful choices about their learning options and how to apply their learning into the real world.

Students are empowered to take control of their future by pursuing and developing their unique strengths, passions and interests. We approach this through three stages:

Foundation

In Year 7 and 8, students learn the foundational knowledge and skills for deep learning in and across the core disciplines of English, Mathematics, Science, Christian Studies, History, Geography, Personal Development, Health and Physical Education (PDHPE), Music, Technology and Visual Arts.

Students in Year 8 also participate in the College's Darug Culture and Language Program. This program has been developed in partnership with members of the Darug community. Students engage in learning that progresses their knowledge of the culture, history and language of the Darug people, developing their respect for Aboriginal and Torres Strait Islander peoples, cultures and histories.

Exploration

In Year 9 and 10, students continue to build proficiency in the core disciplines and explore their passions and interests through an extensive range of elective options from pathways aligned to knowledge, personal interest and future careers. These include: Science, Technology, Engineering

and Mathematics (STEM), Art and Design, Business and Entrepreneurship, Practical Skills, Performing Arts, Sport and Health, Literature and Communication, and Faith and Life.

Acceleration

In Year 11 and 12, students elect to study courses for the Higher School Certificate to accelerate their learning into life beyond the College.

During the Acceleration stage, students also participate in a unique Christian Studies program, focused on personal reflection and character development through a series of day conferences across each year.

LEARNING STRUCTURES

In Years 7-10, courses such as Mathematics and English are studied throughout the year, enabling the ongoing mastery of literacy and numeracy skills. Courses such as Science, History, Visual Arts, PDHPE and Technology are studied more intensely for half the year. This means students will have fewer classes at one time which decreases daily organisational demands and helps build stronger relationships through more frequent contact with their teachers.

In the Secondary School, students attend three extended learning blocks rather than a traditional six period day. This provides students more time to dive deeply into rich concepts and engage in authentic, real-world problems. Central to our curriculum is the prioritisation of the development of enterprise skills and Christ-like character, two critical areas to position our graduates for success beyond school.

In English and Mathematics, students will have one extended learning block and six shorter learning blocks each fortnight. This enables more frequent contact with the teacher, opportunity for short bursts of instruction and time for independent practice between lessons.

MENTOR PROGRAM

One of the ways we pursue student formation is through our Mentor Program. In addition to being key to providing exceptional pastoral care, it is here that we are able to speak into the lives of our students most effectively with regards to their academic and faith journey, and their character formation. As part of this program, each student is assigned a staff Mentor for Years 7-9 and again for Years 10-12. The Mentor will travel alongside each student throughout their time at the College and support each child to set goals and feel known, valued and included. Students will develop an enhanced sense of connection with others through their relationships in Mentor Groups and with their Mentor.

Importantly, the Mentors support students to develop a deeper understanding of themselves, both in their learning and wellbeing. Students learn about the various aspects in their lives that contribute to their wellbeing, and how to self-monitor and self-regulate so they gain increasing independence in their overall wellbeing. Ultimately, the Mentors will nurture student agency, giving students the opportunity to direct and take responsibility for their learning and wellbeing.

Students will benefit from:

- Regular check-ins with their Mentors throughout the year
- Twice weekly meetings with their Mentor Group
- Attending Chapel, Assembly, Year Group Meetings, House, Conferences and Camp with their Mentor Group.

Ultimately, through varied programs and opportunities both in and outside the classroom, the Secondary School aims to equip students with the leadership skills, emotional maturity and resilience needed to thrive in today's world.

YEAR 7 AND 8 SUBJECTS

FOUNDATION STAGE

In Year 7 and 8, students build their Foundation for deep learning, strengthening their skills and knowledge in and across the core disciplines of English, Mathematics, Science, History, Geography, PDHPE, Music, Technology and Visual Arts.

Year 7

- Drama
- English
- Foundations of Faith
- Geography
- Mathematics
- Music
- PDHPE
- Science
- Technology

Year 8

- English
- Faith and Meaning
- Geography
- History
- Mathematics
- PDHPE
- Science
- Technology
- Visual Arts





YEAR 9 AND 10 SUBJECTS

EXPLORATION STAGE

In Year 9 and 10, students continue to build proficiency in the core disciplines and explore their passions and interests through an extensive range of elective options.

MANDATORY SUBJECTS

- English
- Geography/History
- Mathematics
- PDHPE
- Science

ELECTIVE SUBJECTS ON OFFER

Art and Design

- 2D Media
- Photography
- Sculpture
- The Fashion Designer
- The Human Form

Faith and Life*

- Changemakers
- Faith in Fiction
- Philosophy
- Praising God
- The Good Life

Literature and Communication

- So You Want to Be a Writer?

Our Society

- Crimes and Conspiracies
- Criminology
- History Erased
- Oceanography

- Shark Tank
- Show Me the Money
- Sociology

Performing Arts

- Dance Design it's Showtime
- Dimensions of Dance
- Film Storytelling and Acting
- Musical Theatre
- Song Writing and Sound Design

Practical

- Cosmetology
- Food Safari
- MasterChef
- Passion to Project
- Timber Masters
- Vehicles and Automotive

Sport & Health

- Coaching Blueprint
- Moneyball
- Outdoor Challenge
- Performance Edge

STEM

- Aeronautics
- Good Game
- Medical Mavericks
- Practical Chemistry
- Psychology
- Robotics

Please Note: *Subjects are as at February 2023.*

** Students are required to select a Faith and Life elective.*

YEAR 11

SUBJECTS

ACCELERATION STAGE

In Year 11, students elect to study courses for the Higher School Certificate to accelerate their learning into life beyond the College.

MANDATORY SUBJECTS

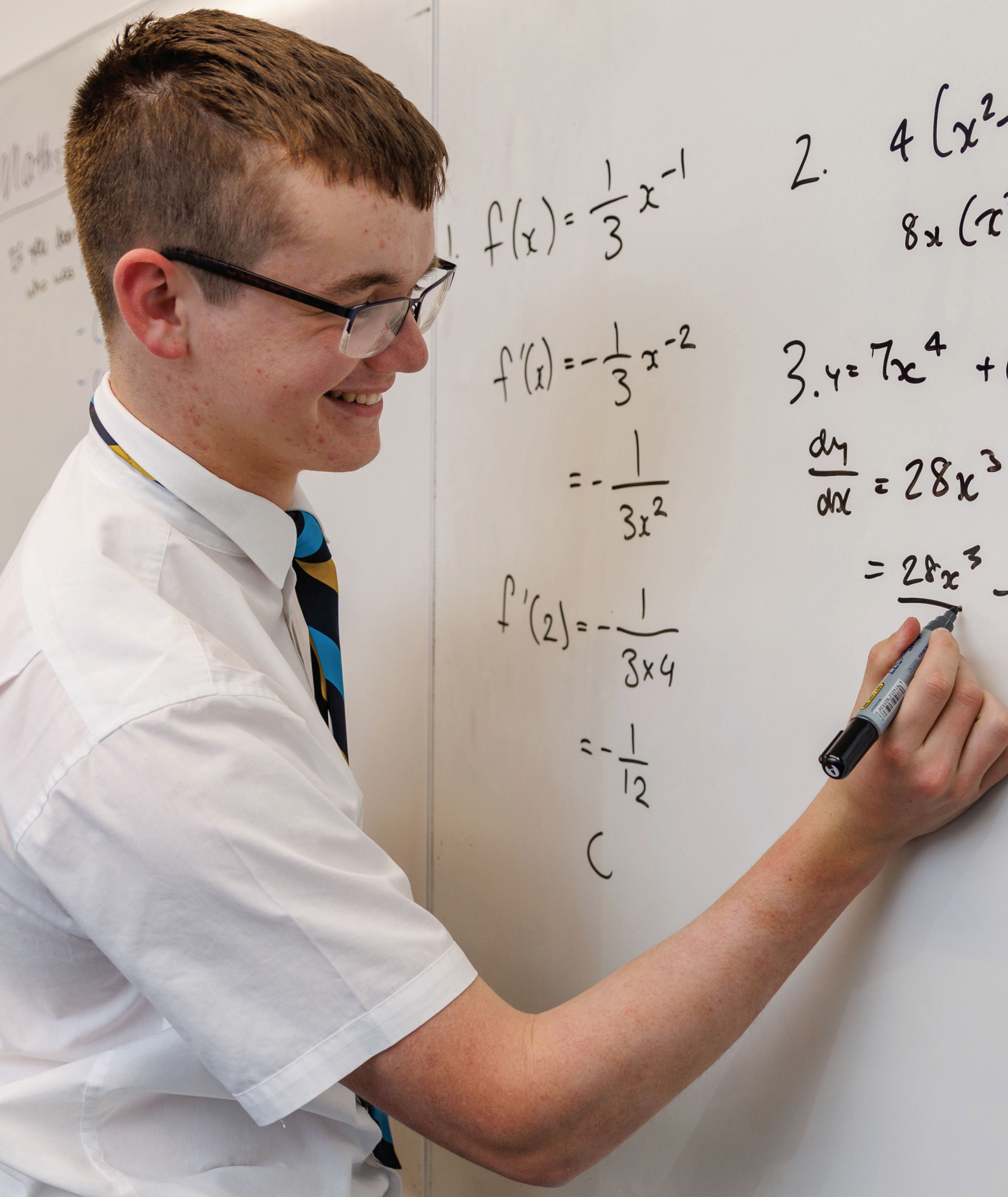
- English Advanced or English Standard

ELECTIVE SUBJECTS ON OFFER

- Ancient History
- Biology
- Business Studies
- Chemistry
- Community and Family Studies
- Dance
- Design and Technology
- Drama
- Earth and Environmental Science
- Economics
- Engineering Studies
- English Extension 1
- Food Technology
- Geography
- Industrial Technology – Multimedia
- Industrial Technology – Timber

- Information Processes and Technology
- Investigating Science
- Languages (external to College)
- Legal Studies
- Mathematics Advanced
- Mathematics Extension 1
- Mathematics Standard
- Modern History
- Music 1
- Music 2
- PDHPE
- Physics
- School Based Apprenticeship or Traineeship (in consultation with the College)
- Society and Culture
- Software Design and Development
- Studies of Religion I (1 unit)
- Studies of Religion II (2 unit)
- Textiles and Design
- TVET Courses
- Visual Arts
- Vocational Education & Training (VET) Courses offered at the College:
 - Hospitality (Cert. II in Kitchen Operations)
 - Business Services (Cert.II)
 - Other external VET Courses

Please Note: *Subjects are as at February 2023.*



$$1. f(x) = \frac{1}{3}x^{-1}$$

$$f'(x) = -\frac{1}{3}x^{-2}$$

$$= -\frac{1}{3x^2}$$

$$f'(2) = -\frac{1}{3 \times 4}$$

$$= -\frac{1}{12}$$

(

$$2. 4(x^2 - 8x)(x^2 - 8x)$$

$$3. y = 7x^4 + \dots$$

$$\frac{dy}{dx} = 28x^3$$

$$= \underline{28x^3}$$



YEAR 12 SUBJECTS

ACCELERATION STAGE

In Year 12, students elect to study courses for the Higher School Certificate to accelerate their learning into life beyond the College.

MANDATORY SUBJECTS

- English Advanced or English Standard

ELECTIVE SUBJECTS ON OFFER

- Ancient History
- Biology
- Business Studies
- Chemistry
- Christian Development Extension 1 (BEC)
- Dance
- Design and Technology
- Drama
- Earth and Environmental Science
- Economics
- English Advanced
- English Extension 1
- English Extension 2
- English Standard
- Food Technology
- Geography
- History Extension 1

- Hospitality (VET) (Category B)
(AIS, RTO No: 90413)
- Industrial Technology
- Information and Digital Technology (VET)
(Category B)
- Information Processes and Technology (IPT)
- Investigating Science
- Legal Studies
- Mathematics
- Mathematics Extension 1
- Mathematics Extension 2
- Mathematics Standard
- Modern History
- Music 1
- Music 2
- Music Extension
- PDHPE
- Physics
- Science Extension
- Society and Culture
- Software Design and Development
- Studies of Religion I (1 unit)
- Studies of Religion II (2 unit)
- Visual Arts

Please Note: *Subjects are as at February 2023.*

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