Ashdale
Secondary College

"Achieving a Positive Future"

YEAR 10 | **2025**
COURSE HANDBOOK

Ashdale Secondary College

2025 | Year 10 Handbook

Welcome from the Principal

At Ashdale Secondary College, students, staff and parents have access to a world-class education in a world-class facility. Ashdale Secondary College is part of the “Ashdale Cluster”, which includes Landsdale Primary School, Ashdale Primary School, Madeley Primary School, Carnaby Rise Primary School, and Landsdale Gardens Primary School. This Cluster creates a seamless transition from primary school to high school and the development of a K-12 curriculum that is relevant, engaging and stimulating.

Students at the College are equipped with a wide range of skills and abilities, including academic, social, physical, and emotional skills. These skills enable them to realise their potential and become valued members of our community.

This handbook contains vital information about the various courses offered by the College. I would encourage you to read this handbook with your child so that your family knows the options available for them as they enter their next year of study. This handbook also provides an overview of how each year links to further study pathways and helps you make informed choices.

The partnership and relationship between home and school are critical to your child's successful education, and we encourage and welcome parent communication with the College. Please do not hesitate to contact the College staff with any questions or comments you may have.

Jacqueline Bogunovich
Principal
Ashdale Secondary College

YEAR 10 COMPULSORY LEARNING AREAS

- English
- Mathematics
- Science
- Humanities and Social Sciences
- Health and Physical Education

Overview of Compulsory Courses

2025 | Year 10 Handbook

Students in Year 10 will continue to study Maths, English, Science and Humanities and Social Sciences courses. Each of these subjects has strong links with senior schooling and post-school pathways. Students will be selected into Mathematics, Humanities and Social Sciences pathways based on student performance data (grades and NAPLAN), student interests, and parent feedback. The school leadership group will provide counselling, with interviews where pathways are competitive.

To meet the learning needs of all students, Ashdale Secondary College Years 7-10 English courses follow the Western Australian Curriculum and Assessment Outline requirements as mandated by **The School Curriculum and Standards Authority**.

At Ashdale Secondary College, studying English is central to the learning and development of all young Australians. It helps create **confident communicators, imaginative thinkers and informed citizens**.

Through studying English, individuals learn to analyse, understand, communicate with, and build relationships with others and the world around them. **Studying English helps young people develop the knowledge and skills needed for education, training and the workplace**. It helps them become **ethical, thoughtful, informed and active members of society**.

Although Australia is linguistically and culturally diverse, participation in many aspects of Australian life depends on effective communication in Standard Australian English. Also, proficiency in English is invaluable globally. The Australian Curriculum: English contributes both to nation-building and internationalisation.

The Western Australian Curriculum: English also helps students to engage imaginatively and critically with literature to expand the scope of their experience. **Aboriginal and Torres Strait Islander peoples have contributed to Australian society** and its contemporary literature and literary heritage by representing and communicating knowledge, traditions and experience. The Australian Curriculum: English values, respects, and explores this contribution. It also emphasises Australia's **links to Asia**.

The Western Australian Curriculum: English Foundation to Year 10 is organised into three interrelated strands that support students' growing understanding and use of Standard Australian English (English). Together the three strands focus on developing students' knowledge, experience and skills in **listening, reading, viewing, speaking and writing**. The three strands are:

***Language*:** knowing about the English language

***Literature*:** understanding, appreciating, responding to, analysing and creating literature

***Literacy*:** expanding the repertoire of English usage.

Source: **www.scsa.wa.edu.au**

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SUBJECT SELECTION PATHWAYS

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English

YEAR 9 CORE	YEAR 10 CORE	YEAR 11 CORE	YEAR 12 CORE
English Mainstream	ATAR English stream (A/B Grades)	ATAR English stream	ATAR English stream
General English Mainstream	General English Mainstream (C/D Grades)	General English Mainstream	General English Mainstream
English Focus	English Focus (D/E Grades)		

Year 10 students will be placed into two pathways for Year 10 based on their overall ability and grade in Year 9. These pathways will allow students to develop and progress in Mathematics appropriately. Each path will have a different focus, enabling students to develop the proper skills necessary to be successful learners in senior school courses, post-compulsory courses or employment.

All Year 10 students will be completing four hours of Mathematics per week. During the year, students will work on improving their grades in the following outcomes:

- Number and Algebra
- Statistics and Probability
- Measurement and Geometry

Mathematics Extension

This course will help extend students' mathematical knowledge so that they are prepared to succeed in Year 11 and 12 Mathematics ATAR, particularly the Mathematics Applications and Mathematics Methods Courses. Students will be extended beyond the general curriculum of Year 10 and will complete elements of the 10A curriculum.

Mathematics 10A

This course is suitable for the high achieving students in Year 9 and will provide students with a strong background in the more abstract Mathematics required to succeed in Year 11 and 12 ATAR Mathematics, particularly Mathematics Methods and Mathematics Specialist Courses. Students will complete some material from the general Year 10 curriculum but focus on the 10A Mathematics curriculum.

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SUBJECT SELECTION PATHWAYS

Achieving a Positive Future

Mathematics

YEAR 8 - 9 CORE	YEAR 10 CORE	YEAR 11 SUBJECTS	YEAR 12 SUBJECTS
Mathematics Focus	Mathematics Focus	General Mathematics Essentials	General Mathematics Essentials
Mathematics Pathway 1	Mathematics Pathway 1 (C Grades)	General Mathematics Essentials	General Mathematics Essentials
	Mathematics Extension (A/B Grades)	ATAR Mathematics Applications	ATAR Mathematics Applications
Mathematics Extension	Mathematics 10A (A Grades)	ATAR Mathematics Methods	ATAR Mathematics Methods
		ATAR Mathematics Specialist	ATAR Mathematics Specialist

Science at Science at Ashdale Secondary College follows the new Western Australian Curriculum and has three interrelated strands:

1. Science Understanding
2. Science as a Human Endeavour
3. Science Inquiry Skills

The three strands of the Science curriculum provide students with understanding, knowledge and skills to develop a scientific view of the world.

The Year 10 course is broken down into four units which are assessed each Term independently:

- Biological Sciences
- Chemical Sciences
- Earth and Space Sciences
- Physical Sciences

Students explore systems at different scales within the Science Understanding strand of Year 10 and connect microscopic and macroscopic properties to explain phenomena. Students explore the biological, chemical, geological and physical evidence for different theories, such as the theories of natural selection and the Big Bang. Atomic theory is developed to understand relationships within the Periodic Table. Understanding motion and forces are related by applying physical laws. Relationships between aspects of the living, physical and chemical world are used in systems on a local and global scale. This enables students to predict how changes will affect equilibrium within these systems.

The strands of Human Endeavour and Science Inquiry Skills are taught alongside and intertwined with each unit, bringing Science into the real world.

Ashdale Secondary College

SUBJECT SELECTION PATHWAYS

Achieving a Positive Future

Science

YEAR 9 CORE	YEAR 10 CORE & ELECTIVES	YEAR 11 SUBJECTS	YEAR 12 SUBJECTS
Science (A/B Grades)	Science (A Grades)	ATAR Physics	ATAR Physics
		ATAR Chemistry	ATAR Chemistry
Science (A/B Grades)	Science (A/B/C Grades)	ATAR Biology	ATAR Biology
		ATAR Human Biology	ATAR Human Biology
		ATAR Earth and Environmental	ATAR Earth and Environmental
	ATAR Psychology	ATAR Psychology	ATAR Psychology
Science (C/D/E Grades)	Science (C/D/E Grades)	General Human Biology	General Human Biology
	Psychology	General Psychology	General Psychology
		Science in Practice (Forensics)	Science in Practice (Forensics)

In Year 10 Humanities & Social Sciences, all students will study **Civics and Citizenship**, **Economics and Business**, **Geography** and **History**.

Students develop increasing independence in critical thinking and skill application, including questioning, researching, analysing, evaluating, communicating and reflecting. They apply these skills to investigate historical and contemporary events, developments, issues, and phenomena.

Students continue to build on their understanding of democracy, democratic values, justice, and rights and responsibilities, by exploring Australia's roles and responsibilities at a global level and its international legal obligations. They inquire about the values and practices that enable a resilient democracy to be sustained through international agreements and civil rights.

Students are introduced to the concept of economic performance and living standards while continuing to further their understanding of the concepts of making choices, interdependence, specialisation, and allocation and markets through examining contemporary issues, events and/or case studies delving into the reasons for variations in the performance of economies. They explore the nature of externalities and investigate the role of governments in managing economic performance to improve living standards. They inquire about the ways businesses can manage their workforces to improve productivity.

The concepts of place, space, environment, interconnection, sustainability and change continue to be developed as a way of thinking through an applied focus on the management of environmental resources and the geography of human wellbeing at the full range of scales, from local to global, and in a variety of locations.

Students develop their historical understanding through key concepts, including; evidence, continuity and change, cause and effect, perspectives, empathy, significance and contestability. These concepts are investigated within the historical context of the modern world and Australia from 1918 to the present day, emphasising Australia in its global context.

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SUBJECT SELECTION PATHWAYS

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Humanities and Social Sciences

YEAR 9 CORE & ELECTIVES	YEAR 10 CORE & ELECTIVES	YEAR 11 SUBJECTS	YEAR 12 SUBJECTS
Humanities and Social Sciences	Humanities and Social Sciences	ATAR Economics	ATAR Economics
Oceanography		General / ATAR Geography	General / ATAR Geography
Ancient History	History at the Movies	General / ATAR History	General / ATAR History
		ATAR Politics and Law	ATAR Politics and Law
	Crime and Criminology	ATAR Politics and Law	ATAR Politics and Law
		General Career and Enterprise	General Career and Enterprise

GENERAL PHYSICAL EDUCATION

This course focuses on building physical activity and self-management skills in various sporting contexts. Students will work on setting short and long-term goals to maintain and enhance their health and physical activity. When participating in physical activity, they will develop strategic decision- making that will improve personal and team performance. Students will apply movement skills strategically in games and other recreational pursuits to demonstrate offensive and defensive tactics, reduce or prevent opposition scoring opportunities and enhance their scoring potential.

PHYSICAL EDUCATION

Students participate in a general physical education program that supports the development of a healthy lifestyle. Through participation in several teams and individual sports, students are given opportunities to improve and develop physical skills and fitness and awareness of the importance of self-discipline, self-respect, enthusiasm, leadership, and cooperation as essential life skills.

Students are required to wear the Ashdale Secondary College sports uniform to classes. They are provided with opportunities to develop skills in the sporting arena through various avenues, including lunchtime sports and interschool and optional specialist sports programs.

HEALTH EDUCATION

The Health Education Curriculum at Ashdale Secondary College aims to enhance students' knowledge of health issues and practices. The curriculum empowers students to weigh opportunities and challenges and teaches them how to make personally and socially responsible decisions to improve their health and well-being. Students will achieve this by investigating several health topics, including drug use, growth and development, resilience and mental health, road safety, and lifestyle choices.

Ashdale Secondary College

SUBJECT SELECTION PATHWAYS

Achieving a Positive Future

Health and Physical Education

YEAR 9 CORE	**YEAR 10** ELECTIVES	**YEAR 11** SUBJECTS	**YEAR 12** SUBJECTS
General Physical Education Studies	General Physical Education Studies	General Physical Education Studies	General Physical Education Studies
General Health Education Studies	General Health Education Studies	General Health Education Studies	General Health Education Studies
		Cert II in Sport and Recreation (1 year)	Cert II in Sport Coaching (1 year)
	Extension Health Education Studies	ATAR Health Education Studies	ATAR Health Education Studies
Netball Academy	Netball Sports Science		
Soccer Academy	Soccer Sports Science	ATAR Physical Education Studies	ATAR Physical Education Studies
Basketball	General Sports Science		
Physical Recreation	Physical Recreation	Cert II in Sport & Recreation (1 year)	Cert II in Sport Coaching (1 year)
	Outdoor Recreation	General Outdoor Education	General Outdoor Education

SPECIALIST SUBJECTS

- The Arts
- Design and Technology
- Home Economics
- Business
- Information and Communication Technology
- Health and Physical Education
- Humanities and Social Sciences

In addition to compulsory learning area subjects, students will select a combination of specialist subjects totalling eight (8) periods of contact time. As part of that matrix, it is a requirement that all students choose one Physical Activity subject. Physical Activity is compulsory as outlined in the *Pre- primary to Year 10: Teaching, Assessing and Reporting Policy*. However, students elect General Physical Education, Physical Recreation, Sport Science Netball, Sport Science Soccer, or Sports Science General.

Descriptions of the courses are on the pages that follow. The duration of each of these courses is one year, and students are asked to rank their preferences from one (1) (being the most preferred) to three (3) (being the least preferred). There are high-cost options and low-cost subjects in each of the learning areas. For students to secure a placement in a high-cost subject, the required deposit must be returned with the Course Selection Sheet.

Students must consider their interests and possible senior schooling pathways when selecting specialist subjects. Many subjects provide a solid learning base and preparation for senior school courses. Students are encouraged to speak to their current elective teachers for more information and course suitability.

DANCE - GENERAL

Students will have two (2) lessons per week combining practical and theoretical classes during this whole year course. In Year 10, students continue to extend their use of the elements of dance (BEST) and choreographic processes to expand their choreographic intentions in their choreography. They develop their technical dance skills to include style-specific movement skills. There is a focus on small group and duo performances.

Through performance, students work on confidence, accuracy, clarity of movement and refining their choreography. Students will critically analyse and discuss the use of the elements of dance, choreographic processes and design concepts, incorporating appropriate Dance language and terminology. They will investigate dance and the influences of the social, cultural and historical contexts in which it exists. Safe dance practices underlie all experiences, as students perform within their own body capabilities and work safely in groups.

Dance genres: Contemporary, Ballet, Jazz (Musical Theatre), Hip Hop, Street Dance, Tap and Cultural Dance

The course is strongly recommended as a pre-requisite for students wishing to continue with a General Dance pathway in Years 11 and 12.

DRAMA – THEATRE & PERFORMANCE STUDIES

In this full-year course, Drama students will be given opportunities to continue to develop their existing knowledge and skills to present drama for purposes and wider external audiences, safely using processes, techniques and conventions of drama during two (2) lessons per week. Students develop in drama based on devised drama processes and taken from appropriate, published script excerpts from the designated forms and styles.

Students will have opportunities to research devised drama and read selected script excerpts in context. Student work in devised and scripted drama focuses on reflective, responsive and analytical processes using drama terminology and language. Students are encouraged to develop their use of extended answer forms and interviews, using drama terminology, language and different forms of communication-based on their own drama and the drama of others.

Students will also develop additional theatre-based skills, including basic lighting and sound equipment operation, backstage management and protocol, and experimenting with costume, make- up and set design.

Drama forms and styles: *Grotowski's Poor Theatre, Youth Theatre, Contemporary Aboriginal Theatre, Theatre of the Absurd, Butoh*

The course is strongly recommended as a pre-requisite for students wishing to continue with a General Drama pathway in Years 11 and 12.

VISUAL ART – APPLIED ARTS

This is a majority of practical course that provides students with 2D and 3D media skills. The course assists students in building their confidence in visual techniques, practices and processes through a range of studio practices such as painting, drawing, printmaking and sculpture. Students document their artistic journey in a visual diary and complete two different projects throughout the year. Students experience, adapt and manipulate materials, techniques, and art styles/processes when producing 2D and 3D artworks. Students extend their knowledge and use of safe visual arts practice and complete two different projects throughout the year.

Students are required to critically analyse artwork using a variety of analysis frameworks, incorporating visual art language, art terminology and conventions. These tasks will prepare students for the structure of responding tasks in upper school Visual Art pathways.

Art styles: *Modernism (Realism, Dadaism, Surrealism, Futurism), contemporary Australian art, Postmodernism*

The course is strongly recommended as a pre-requisite for students wishing to continue with a Senior School General Visual Art pathway.

VISUAL ART – 3D ART

This is a majority of practical course that provides students with skills in 3D media. Students experience, adapt and manipulate materials, techniques, and art styles/processes when producing 3D artwork in various studio practices such as ceramics, sculpture and installation. All design and production processes are documented in a visual diary. Students extend their knowledge and use of safe visual arts practice.

Students are required to critically analyse artwork using a variety of analysis frameworks, incorporating appropriate visual art language, art terminology and conventions. These tasks will prepare students for the structure of responding tasks in the upper school Visual Art pathway.

Art Styles: *Modernism (Realism, Dadaism, Surrealism, Futurism), contemporary Australian art, Postmodernism*

The course is strongly recommended as a pre-requisite for students wishing to continue with a General Visual Arts pathway in Years 11 and 12.

VISUAL ART – CONTEMPORARY ART & DESIGN

This course mixes practical and analytical projects with a wearable art and textile focus. Students will use visual art language and artistic conventions to develop and refine their ideas and techniques to create resolved artworks related to wearable art. They make a folio to demonstrate the design, production and evaluation processes they used to create their work. Students will be introduced to specific wearable art/textiles skills, techniques and knowledge through various projects requiring them to demonstrate the ability to adapt, manipulate, deconstruct and/or reinvent. Students will be introduced to various fashion-specific designers/artists from various times, places and cultures.

Art styles: *Modernism (Realism, Dadaism, Surrealism, Futurism), contemporary Australian art, Postmodernism*

MUSIC - GENERAL

Music students will continue their studies in this full-year course and likely select Certificate II in Music in Year 11/12. Students are strongly recommended to complete at least 12 months of class music in Year 9 or equivalent in an external environment (private tuition). Students

must also be competent in at least one musical instrument or voice and be willing to perform for various audiences throughout the year.

In line with the Western Australian Curriculum, students will listen to, compose and perform music from various styles, traditions and contexts. They will create and critically analyse music. Music practice is aurally based and focuses on acquiring and using knowledge, understanding and skills about music or musicians. Students will work mainly in the Contemporary context but are not limited to this. Students will continue to build on their music knowledge through traditional reading, writing and performing methods, and there will also be opportunities to advance their skills in music technology.

Music Genres: *Classic Rock, Contemporary Rock, Pop, students' own choice*

The course is strongly recommended as a pre-requisite for students wishing to continue with a General Music pathway in Years 11 and 12.

MUSIC - ACADEMY

This course is designed for continuing Year 9 Music Academy students or students who have completed at least two full years of music tuition externally. As a guide, externally tutored students should have completed or be at a minimum of Grade 2 AMEB to join this class in Year 10.

NOTE: This course is compulsory for Year 10 IMSS students.

In Year 10 Music Academy, students will continue to refine and further develop their theory, aural, composition, performance and analysis skills. The class foci will further improve aural skills by identifying and applying the Elements of Music, continuing the creative process through composition, and increasing options for both solo and ensemble performances. Students will study these skills and techniques through various music genres, including Contemporary, Western Art and Jazz.

Please note that the main performance focuses on the students' IMSS lessons and ensemble participation. Through the IMSS program, students will be required to perform at events, including school concerts, festivals and any other suitable opportunities that may arise during the year. ***This course is a pre-requisite for Certificate II in Music Pathway in Years 11 and 12.***

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SUBJECT SELECTION PATHWAYS

Achieving a Positive Future

The Arts

	YEAR 7 - 8 CORE	YEAR 9 ELECTIVES	YEAR 10 ELECTIVES	YEAR 11 SUBJECTS	YEAR 12 SUBJECTS
VISUAL ARTS	Students will rotate between Performing Arts (Music, Dance, Drama) and Visual Arts by Semester.				
	Visual Art	Applied Art	Applied Art	General Visual Arts	General Visual Arts
		3D Art	3D Art		
		Contemporary Art and Design	Contemporary Art and Design		
DANCE	Dance	Dance	Dance	Cert II Dance (2 years)	Cert II Dance (2 years)
	Dance Academy	Dance Academy	Dance Academy		
DRAMA	Drama	Drama - Performance Making	Drama - Theatre Performance Studies	Cert II Live Production Stagecraft and Drama Performance (2 years)	Cert II Live Production Stagecraft and Drama Performance (2 years)
MUSIC	Music	Music	Music	Cert II in Music (2 years)	Cert II in Music (2 years)
	Music Academy	Music Academy	Music Academy		

FINANCIAL LITERACY & BUSINESS

This course builds on student's knowledge and understanding from Year 9. Students will be taught financial literacy topics inspired by Scott Pape, the Barefoot Investor. They will learn how to **ace a job interview**, set up a **Tax File Number** and understand the **PAYG system, avoid scams,** choose the best **insurance policy**, invest in the **stock market**, and save for a **house deposit**.

The course is taught engagingly and practically, rewarding students when they have achieved a 'Money Milestone' such as securing their first part-time job or setting up their Tax File Number.

Students will also participate in 'Ashdale Markets', an in-house program that entails students, either as sole traders or in partnership with other students, developing a business concept and writing a Business Plan. Based on their idea and business plan quality, several students will be selected to bring their businesses to life during the Ashdale Showcase.

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SUBJECT SELECTION PATHWAYS

Achieving a Positive Future

Business

YEAR 9 ELECTIVES	**YEAR 10** ELECTIVES	**YEAR 11** SUBJECTS	**YEAR 12** SUBJECTS
Financial Literacy and Business	Financial Literacy and Business	Cert II Workplace Skills (1 year)	Cert III Business (1 year)
		General Business Management and Enterprise	General Business Management and Enterprise
		ATAR Business Management and Enterprise	ATAR Business Management and Enterprise

PHYSICAL RECREATION

This Year 10 Physical Recreation course aims to develop skills and participation in alternative Physical Activity options that do not fall under the mainstream sporting umbrella of general lower school Physical Education. The program continues in Year 10 Physical Recreation, where students focus on basic skills and understand each sport's rules. Year 10 Physical Recreation will focus on skill development and encourage full participation.

Students selecting this subject will participate in various activities over the year, such as archery, lawn bowls, golf, squash, yoga, boxing, spike ball, badminton, and general fitness. Many of these activities will be conducted via external agencies and off the school site.

Students wishing to be selected for the Physical Recreation Course should aim to meet the following criteria:

- Willing to accompany staff offsite during a recess/lunch or before or after school as many sessions will take place offsite, and this extra time is needed for travel purposes.
- Have maintained their good standing in line with ASC's Good Standing Policy.
- Be prepared to meet and adhere to high behaviour standards throughout the year or risk being removed from the course.
- **Be aware that they will not partake in a General PE course.**

OUTDOOR RECREATION

This course is designed for students with a keen interest in outdoor activities. It gives them a taste of different outdoor contexts and what they have to offer before committing to a senior school course in Years 11 and 12 (Outdoor Education General).

Students selected in the course will develop the skills to participate in outdoor activities safely in various environments while understanding how the natural world functions and building positive relationships with the environment and others. Students will participate in activities including bodyboarding, fishing, swimming, hiking, coastal walks, orienteering, mountain bike riding, camp cooking and camp skills.

Please note, with students involved in aquatic environments, students selected in the course **- MUST BE able to demonstrate the ability to tread water (15 minutes) and swim 200 metres continuously (7 minutes).**

Students wishing to be selected for the Year 10 Outdoor Recreation Course will need to meet the following requirements:

- Willing to accompany staff offsite during a recess/lunch or before or after school as many sessions will take place offsite, and this extra time is needed for travel purposes.
- Have maintained their good standing in line with ASC's Good Standing Policy.
- Be prepared to meet and adhere to high behaviour standards throughout the year or risk being removed from the course.
- **This is an elective course and students still need to complete either Year 10 General PE, Year 10 Physical Recreation or Year 10 Sports Science as their mandatory PE lessons each week.**

SPORTS SCIENCE – GENERAL / NETBALL / SOCCER

The Sport Science course delves into the science behind the sporting domain and, throughout the system, the emphasis is placed on understanding and improving performance in physical activities. This course focuses on developing skills and performance in various sports and knowledge of physiological, anatomical and skill-learning applications.

This course is ideally suited to students considering Physical Education Studies in Years 11 and 12. This course continues at the Netball and Soccer Academy (Sport Science-Netball, Sport Science- Soccer, respectively), and current Academy students are encouraged to select this course in Year 10.

Students who are not currently in either Academy, but are possibly interested in a career in Sports Science, are encouraged to select the Sports Science-General course. This course runs over four (4) sessions a week, where theoretical aspects are covered in one (1) theory session, and three (3) sessions are based on functional performance and integrating the theory components.

Students must obtain permission from HOLA Physical Education before selecting this course.

Ashdale Secondary College

SUBJECT SELECTION PATHWAYS

Achieving a Positive Future

Health and Physical Education

YEAR 9 CORE	**YEAR 10** ELECTIVES	**YEAR 11** SUBJECTS	**YEAR 12** SUBJECTS
General Physical Education Studies	General Physical Education Studies	General Physical Education Studies	General Physical Education Studies
General Health Education Studies	General Health Education Studies	General Health Education Studies	General Health Education Studies
		Cert II in Sport and Recreation (1 year)	Cert II in Sport Coaching (1 year)
	Extension Health Education Studies	ATAR Health Education Studies	ATAR Health Education Studies
Netball Academy	Netball Sports Science		
Soccer Academy	Soccer Sports Science	ATAR Physical Education Studies	ATAR Physical Education Studies
Basketball	General Sports Science		
Physical Recreation	Physical Recreation	Cert II in Sport & Recreation (1 year)	Cert II in Sport Coaching (1 year)
	Outdoor Recreation	General Outdoor Education	General Outdoor Education

METAL

This course will develop basic metal-working skills through skill development tasks. Students will learn how to use metal-working machines, hand tools, power tools, and methods of joining metals together. Students are shown how to use a design process to develop ideas that can be put into production and manipulate mild steel, sheet metal, brass, copper and aluminium that can be incorporated into their design. Within the scope of the course, students will also develop technical drawing and research skills that will aid in developing their design. These skills can be transferred and used in other design and technology subjects and across the curriculum.

WOOD

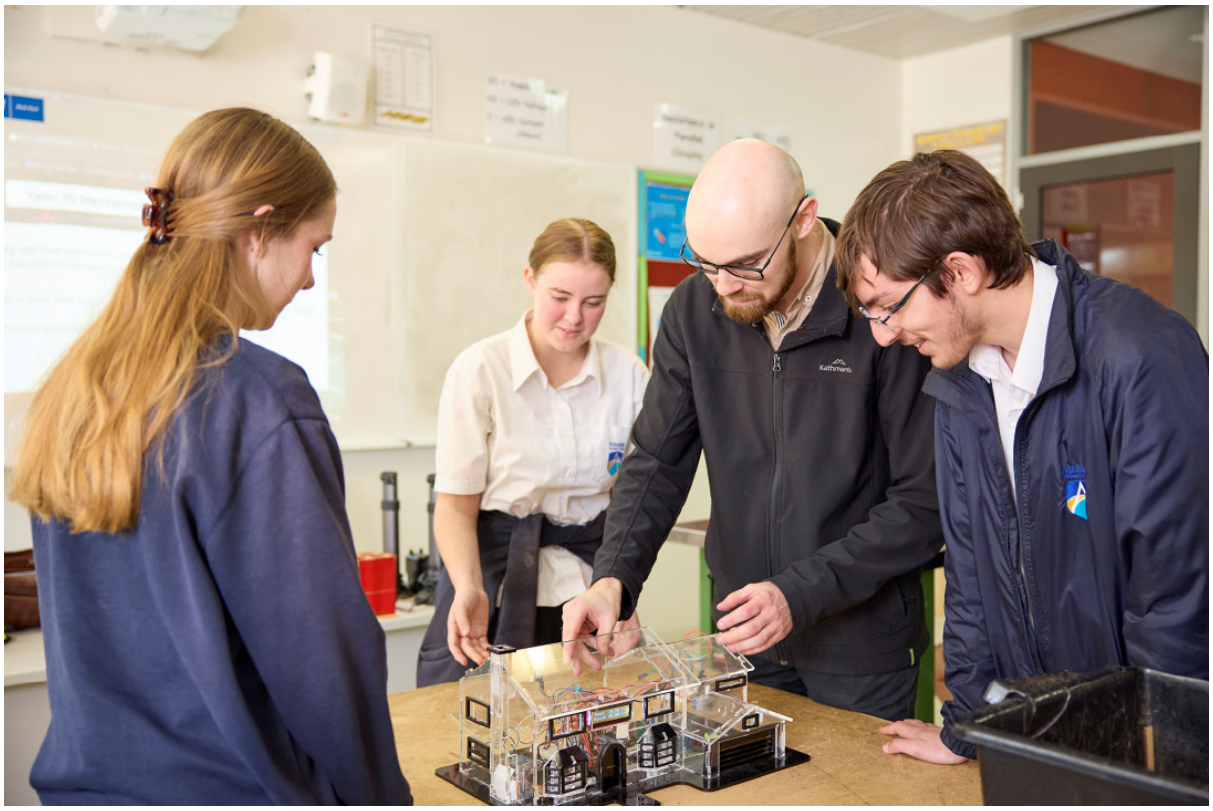
This course develops students understanding of how to use woodworking tools and machines to create projects that suit their needs. Students are shown how to use a design process, develop ideas that can be put into production, and manipulate solid timbers, manufactured boards, metal, and plastics that can be incorporated into their design. Within the scope of the course, students will also develop technical drawing and research skills that will aid in the development of their design. These skills can be transferred and used in other Design and Technology subjects and across the curriculum.

JEWELLERY

This course refines the skills and knowledge developed in the Year 9 course and sets the student on a path of higher skill development in jewellery-making and silver-smithing. Students will learn basic cuttlefish and lost wax casting techniques and the ability to incorporate these castings with fabricated components. Students will also develop skills in setting semi-precious stones in rings and pendants using a pure silver bezel and silver plate. After students have developed expertise and technique, they use the Technology Process to research, design, make and evaluate an article of jewellery. Participation in Year 9 Jewellery is preferred but is optional to enrol in this subject.

MECHATRONICS (STEM PATHWAY)

The Mechatronics course will enable students to design, develop and build products that combine mechanical and electronic engineering for practical applications. Mechatronics also incorporates computer, control and systems design engineering and can be used to create intelligent machines and manufacturing and processing systems. Mechatronics engineers create engineering systems that automate industrial tasks, develop mechatronic and electronic control systems for existing products or processes, and investigate the cost and performance benefits of mechatronic engineering solutions. Students will choose a course that will allow them to achieve post-school destinations in various careers, including engineering, automation, robotics, science, aviation, mechanics, fabrication and electrical trades, drafting, architecture and other practical and technology-related work and engineering.



SCREEN TO MACHINE ENGINEERING (STEM PATHWAY)

Screen to Machine Engineering takes students into the 21st century of engineering, manufacturing, and testing of structures. Students will use industry platforms of CAD/CAM to operate laser cutters, 3D printers and the vinyl sticker cutter and printer. Students, do you fancy yourself as a designer? Would you like to help create medical engineering devices such as prosthetic body parts to enhance patient lives? Maybe you would like to test the aerodynamics of various shapes in the wind tunnel to see who can build the most efficient rocket design? This course will allow you to explore the world of 3D modelling and 3D printing and everything associated with it. Do you think you're up for the challenge?

Ashdale Secondary College

SUBJECT SELECTION PATHWAYS

Achieving a Positive Future

Design and Technology

YEAR 9 ELECTIVES	YEAR 10 ELECTIVES	YEAR 11 SUBJECTS	YEAR 12 SUBJECTS
Mechatronics 1	Mechatronics 2	General / ATAR Engineering	General / ATAR Engineering
Screen to Machine 1 Engineering	Screen to Machine 2 Engineering		
Metalwork 1	Metalwork 2	General Metalwork	General Metalwork
		Cert II Engineering (1 year)	
		Cert III Aviation - (2 years)	Cert III Aviation - (2 years)
Woodwork 1	Woodwork 2	General Woodwork	General Woodwork
Jewellery 1	Jewellery 2	General Jewellery	General Jewellery

FOOD TECHNOLOGY

Food Technology continues to develop students' awareness of food by integrating theoretical knowledge and practical skills. Emphasis is based on the design process and encourages students to build a sound understanding of the skills required to work with food. An investigation into the nutritional value of food will form the basis for menu planning. Students will investigate a wide range of food preparation skills and techniques with an international focus. They will then incorporate these skills in the preparation of their chosen dishes.

HOSPITALITY STUDIES

Hospitality is one of the fastest-growing industries in the world. It offers a host of opportunities for enthusiastic, outgoing people. In this course, students will develop skills in the industry, leading to possible pathways with certificates at ASC or TAFE. This course develops an awareness of a career in food production and hospitality, emphasising acquiring skills and gaining knowledge in the workplace. It empowers the student with an overview of food preparation skills, kitchen maintenance and the wide variety of expertise needed in this industry. The Hospitality Industry offers exciting careers in the following areas: food service attendants, bar attendants, function waitpersons, front office attendants, housekeeping and kitchen attendants, and supervisory and management roles.

CHILD CARE

The Year 10 Child Care course investigates how to care for children, and students will study various topics to give them a broad overview of Child Development. This course is a theory-based course with practical components included. Students will have the opportunity to develop an understanding of the developing child using research skills and hands-on experience. The system also focuses on families, positive play environments and the requirements for working with children.

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SUBJECT SELECTION PATHWAYS

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Home Economics

YEAR 9 ELECTIVES	**YEAR 10** ELECTIVES	**YEAR 11** SUBJECTS	**YEAR 12** SUBJECTS
Food	Food	General Food Science and Technology	General Food Science and Technology
	Hospitality Studies	Cert II in Hospitality (2 years)	Cert II in Hospitality (2 years)
Childcare	Childcare	Cert II in Community Service (1 year)	
		General Children, Family and Community	General Children, Family and Community
Textiles	Textiles	Potential further study in Materials, Design and Technology	

APPROVED SPECIALIST PROGRAM
CREATIVE TECHNOLOGIES INSTITUTE & STEM INSTITUTE

Students currently enrolled in the Approved Specialist Program are recommended to continue their specialist studies by selecting the STEM Innovation Projects course or other ICT courses of interest.

STEM INNOVATION PROJECTS

No prerequisite study is required - all students are encouraged to join in developing excellent skills and completing fun projects of their choice!

Choose what you learn! The course is tailored to student interests, and the program will be developed in collaboration with students as they will choose the content covered. This STEM-focused course develops future-ready skills and expands student knowledge of all things STEM. Students will work collaboratively to identify topics and projects they are passionate about and solve problems and design innovative solutions.

Through these STEM learning activities, students will develop critical thinking, problem-solving, innovation, creativity, collaboration and communication skills. Also, students will have many opportunities to develop practical skills in cutting-edge technologies such as **Laser Cutting, 3D Printing, Robotics, and Virtual Reality**, and use exciting, industry-standard software such as Adobe Photoshop, Illustrator and After Effects.

As students help guide the content of the course, this is a suitable subject for both students who are new to STEM projects or have studied STEM previously.

FORENSIC SCIENCE & DIGITAL FORENSICS

No prerequisite subject is required.

Are you a true crime fan? Interested in forensics? Keen on learning more about cyber security and hacking?

This course is a true STEM offering and will include aspects of:

- Forensic / Macro Photography
- Forensic Science and Technology – fingerprints, blood analysis, DNA and facial recognition
- Cyber security and Digital forensics

If you are interested in forensics or cyber security and want to increase your knowledge in these areas, then this is the subject for you. The final project will include preparing a forensics room for the Ashdale Showcase.

SOFTWARE & CYBER SECURITY

No prerequisite subject is required.

Would you like to learn how computer software is designed and built? Or how security flaws can leave systems open to hacking?

This course is part of the Computer Science pathway, providing students the foundation to undertake ATAR Computer Science or General Computer Science (Cyber Security) in senior school. Students will learn how to create and write simple programs using languages such as Python and JavaScript and receive a background in computer systems, networks, and hardware.

Students will plan and create programs to solve problems, test code and evaluate computer security vulnerabilities. This combination of technical skills and critical thinking is an innovative approach, giving students the capacity to involve themselves in production projects of their interest and analyse the impact of software and systems, enabling them to create innovative designs.

DIGITAL DESIGN

No prerequisite subject is required.

Are you creative and curious about graphic design? Want to know how to use drawing tablets and make digital designs?

In this course, students will learn a range of digital art skills and design concepts before applying their own creative expression to design posters, a website, a game character and an animation. Students will then work within real world design conditions to create a major design piece for a client.

Students will be exposed to a range of graphic arts skills and processes, such as digital drawing and photo compositing utilizing high-class facilities and industry-standard hardware and software such as iMacs, interactive tablets and Adobe's Creative Cloud software suite.

Digital Design and Media is a huge growth industry as the world seeks creative people to solve creative problems for digital devices.

This course leads to but is not a requirement for the Applied Information Technology ATAR and General pathway courses in Year 11 and 12.

It would be beneficial but optional that students have studied the Year 9 Digital Design or Photography courses before selecting this.

ADVANCED PHOTOGRAPHY

No prerequisite subject is required.

Do you enjoy taking photos? Want to learn how to use a camera properly? Or want to know how to edit and manipulate images using Photoshop?

This course builds upon content from the Year 9 Photography course, but it is optional to have studied the course in Year 9. The course provides students with the foundation to undertake the General Design: Photography and Applied Information Technology pathways in senior school.

In this course, students will learn practical skills in the fundamentals of digital photography, including using a digital single-lens reflex camera, tripod and lighting, camera angles, and an introduction to the point of view. The course provides a Photoshop foundation to manipulate and design creative digital images, including landscapes digitally , still life, action and fantasy compositions.

In the second semester, the emphasis will be on developing more advanced skills in DSLR cameras, using the manual mode to enjoy more creative photography activities.

By the end of the course, the students will have created a portfolio of digital creations which can be used as the basis for growth in senior school courses.

MEDIA

No prerequisite subject is required.

Are you a Netflix fan? Spend all your time on TikTok? Or hope to make money being a Youtuber or filmmaker? Then this subject is for you…

This course builds upon content from the Year 9 Media course, but it is optional to study it in Year 9. The course provides students with the foundation to undertake the General Design: Photography and Applied Information Technology pathways in senior school.

In this course, students will learn practical skills in the fundamentals of digital photography and filmmaking, including a range of different cameras and studio equipment. The course provides a foundation in using iMovie, moving on to Adobe Premiere Pro.

In the second semester, the emphasis will be on video and television program design and production. Students can use skills learned to design and produce innovative digital products. These may include creating documentaries, film narratives or television programs and continuing to explore and deliver content for streaming services.

By the end of the course, the students will have created a portfolio of digital creations which can be used as the basis for growth in senior school courses.

Ashdale Secondary College

SUBJECT SELECTION PATHWAYS

Achieving a Positive Future

Information and Communications Technology

YEAR 9 ELECTIVES	**YEAR 10** ELECTIVES	**YEAR 11** SUBJECTS	**YEAR 12** SUBJECTS
Digital Design	Digital Design	ATAR / General Applied Information Technology	ATAR / General Applied Information Technology
		General Design (Graphic Design)	General Design (Graphic Design)
Photography	Advanced Photography	General Design (Photography)	General Design (Photography)
Media	Media		
Video Game Design	Software and Cyber Security	ATAR / General Computer Science	ATAR / General Computer Science
	Forensic Science and Digital Forensics		
STEM Innovation Projects	STEM Innovation Projects	Various STEM General / ATAR Subjects	

CRIME & CRIMINOLOGY

This course allows students to go in-depth into the legal system and investigate the role of lawyers, barristers, solicitors and the police in our criminal justice system. Students will research real-life crimes and mysteries and develop an understanding of criminal investigations, the use of forensics and the psychology of offenders while undertaking a variety of fieldwork, including the opportunity to participate in the 2021 Mock Trial competition. This course is ideal for law students and those considering ATAR or General Politics and Law courses in Year 11.

HISTORY AT THE MOVIES

In this elective, students will study key historical events through various visual mediums, including movies, documentaries and biopics. Designed to complement the History module of HASS, this elective focuses on critical events throughout World War One and World War Two, including the Battle of Gallipoli, the Western Front, the Holocaust, and Pearl Harbour's attack. Additionally, this elective will cover events that proved pivotal to making the modern world, including the human rights movement.

By studying History at the Movies, students will not only be better equipped to study History in HASS. Still, they will also develop their ability to think critically and empathise with essential human experiences. By focusing on past events, students will be better equipped with the knowledge and skills required to participate as active and informed citizens in the 21st Century.

Ashdale Secondary College

SUBJECT SELECTION PATHWAYS

Achieving a Positive Future

Humanities and Social Sciences

YEAR 9 CORE & ELECTIVES	YEAR 10 CORE & ELECTIVES	YEAR 11 SUBJECTS	YEAR 12 SUBJECTS
Humanities and Social Sciences	Humanities and Social Sciences	ATAR Economics	ATAR Economics
Oceanography		General / ATAR Geography	General / ATAR Geography
Ancient History	History at the Movies	General / ATAR History	General / ATAR History
		ATAR Politics and Law	ATAR Politics and Law
	Crime and Criminology	ATAR Politics and Law	ATAR Politics and Law
		General Career and Enterprise	General Career and Enterprise

Japanese

Pre-requisite Year 9 Japanese

As you progress into Year 10 Japanese, we'll build upon the foundation you established in Year 9, delving deeper into the intricacies of Japanese home life, school culture, and social customs. This year presents an exciting opportunity to further enhance your Japanese reading, writing and speaking skills with a focus on engaging topics like travel and commerce – all within a supportive and immersive environment.

Whether your aspirations lead you towards a career in international business, fuel your desire to explore Japan, or simply aim to enrich your personal growth, the experience of learning Japanese in Year 10 promises to be both rewarding and enriching, opening doors to a world of opportunities.

French

Pre-requisite Year 9 French

Embarking on Year 10 French, we continue building upon the foundation established in Year 9, delving into the nuances of French home life, school culture, and social customs. This year offers a unique opportunity to elevate your French reading, writing and speaking skills, with a special focus on engaging topics such as travel, commerce, health and lifestyle activities, along with the practical aspects of working abroad.

Within a supportive and immersive environment, you'll not only deepen your language proficiency but also explore how French language skills can enrich various facets of your life. Whether your aspirations lean towards international business, igniting a passion for travel, incorporating a healthy lifestyle, or shaping your future employment prospects, Year 10 French promises a rewarding and enriching experience, preparing you for a world of opportunities ahead.

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SUBJECT SELECTION PATHWAYS

Achieving a Positive Future

Languages

YEAR 7 CORE	**YEAR 8** CORE	**YEAR 9** ELECTIVE	**YEAR 10** ELECTIVE
French	French	French	French
Japanese	Japanese	Japanese	Japanese

Psychology

This course is designed to introduce students to the study of Psychology and teach them pre-requisite skills for both the Psychology ATAR or General pathway in Year 11 and Year 12. Psychology is a discipline that studies the mind and behaviour of people to help us understand why people think, act and feel the way they do.

Psychology has an incredibly rich and colourful history and our students will learn about Freud and his psychodynamic theory of the unconscious mind, theories on how our personality forms, why we form friendships and groups with certain people over others, to the infamous experiments of Zimbardo and Milgram that look at the evil side of humanity, and why Psychology is not about lying down on a couch to talk about our childhood. Through study of this course student will develop their skills to communicate, think critically, evaluate research, and discuss ethical issues.

Ashdale Secondary College

SUBJECT SELECTION PATHWAYS

Achieving a Positive Future

Science

YEAR 9 CORE	YEAR 10 CORE & ELECTIVES	YEAR 11 SUBJECTS	YEAR 12 SUBJECTS
Science (A/B Grades)	Science (A Grades)	ATAR Physics	ATAR Physics
		ATAR Chemistry	ATAR Chemistry
Science (A/B Grades)	Science (A/B/C Grades)	ATAR Biology	ATAR Biology
		ATAR Human Biology	ATAR Human Biology
		ATAR Earth and Environmental	ATAR Earth and Environmental
	ATAR Psychology	ATAR Psychology	ATAR Psychology
Science (C/D/E Grades)	Science (C/D/E Grades)	General Human Biology	General Human Biology
	Psychology	General Psychology	General Psychology
		Science in Practice (Forensics)	Science in Practice (Forensics)

STEM INSTITUTE AND CREATIVE TECHNOLOGIES INSTITUTE

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SCIENCE

The Year 10 course, Science Understanding strand, is divided into four integrated units and assessed each Term: Biological Sciences, Chemical Sciences, Physical Sciences, Earth and Space Sciences.

Students explore systems at different scales within the Science Understanding strand of Year 10 and connect microscopic and macroscopic properties to explain phenomena. Students explore the biological, chemical, geological and physical evidence for other theories, such as the theories of natural selection and the Big Bang. Atomic theory is developed to understand relationships within the Periodic Table. Understanding motion and forces are related by applying physical laws. Relationships between aspects of the living, physical and chemical world are used in systems on a local and global scale. This enables students to predict how changes will affect equilibrium within these systems.

FORENSIC SCIENCE & DIGITAL FORENSICS

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DIGITAL DESIGN

No prerequisite subject is required.

Are you creative and curious about graphic design? Want to know how to use drawing tablets and make digital designs?

It would be beneficial but is optional that students have studied the Year 9 Interactive Design & Animation or Photomedia courses before selecting this.

The course introduces students to graphic and multimedia design, focusing on visual design principles and concepts applied to digital media-based projects. Students will learn how digital media transforms the fine arts, graphic design, publishing and advertising industries. Students will explore topics including desktop publishing, poster design, character design, animation and multimedia applications, including the production of websites. Students will produce a portfolio of projects showcasing their skills in various digital media. Students will be using the industry-standard Adobe Creative Suite software.

This course provides students with the foundation to undertake Applied Information Technology in senior school.

ADVANCED PHOTOGRAPHY

No prerequisite subject required

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MECHATRONICS

The Mechatronics course will enable students to design, develop and build products that combine mechanical and electronic engineering for practical applications. Mechatronics also incorporates computer, control and systems design engineering and can be used to create intelligent machines and manufacturing and processing systems. Mechatronics engineers create engineering systems that automate industrial tasks, develop mechatronic and electronic control systems for existing products or processes, and investigate the cost and performance benefits of mechatronic engineering solutions.

Students will be choosing a course that will allow them to achieve post-school destinations in various careers, including engineering, automation, robotics, science, aviation, mechanics, fabrication and electrical trades, drafting, architecture and other practical and technology-related work and engineering.

SCREEN TO MACHINE ENGINEERING

Screen to Machine Engineering takes students into the 21st century of engineering, manufacturing, and testing of structures. Students will use industry platforms of CAD/CAM to operate laser cutters, 3D printers and the vinyl sticker cutter and printer. Students, do you fancy yourself as a designer? Would you like to help create medical engineering devices such as prosthetic body parts to enhance patient lives? Would you like to test the aerodynamics of various shapes in the wind tunnel to see who can build the most efficient rocket design? This course will allow you to explore the world of 3D modelling and 3D printing and everything associated with it. Do you think you're up for the challenge?

Ashdale Secondary College

SUBJECT SELECTION PATHWAYS

Achieving a Positive Future

Information and Communications Technology

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Ashdale Secondary College

SUBJECT SELECTION PATHWAYS | STEM

Achieving a Positive Future

	YEAR 7 - 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12
SCIENCE	STEM Institute Creative Technologies Institute Science	STEM Institute Creative Technologies Institute Science (A/B Grades)	Science (A/B Grades) Forensic Science and Digital Forensics	ATAR • Physics • Chemistry • Biology • Human Biology • Earth and Environment • Psychology	ATAR • Physics • Chemistry • Biology • Human Biology • Earth and Environment • Psychology
TECHNOLOGY	STEM Institute Creative Technologies Institute Digital Technologies	STEM Institute Creative Technologies Institute STEM Innovation Projects Digital Design Video Game Design Media Photography	STEM Innovation Projects Digital Design Software and Cyber Security Forensic Science and Digital Forensics Media Advanced Photography	ATAR • Applied Information Technology • Computer Science General • Applied Information Technology • Computer Science • Graphic Design • Photography	ATAR • Applied Information Technology • Computer Science General • Applied Information Technology • Computer Science • Graphic Design • Photography
ENGINEERING	Design & Technology	Mechatronics Screen to Machine 1 Engineering	Mechatronics Screen to Machine 2 Engineering	• ATAR Engineering • General Engineering • Cert III Aviation (2 years)	• ATAR Engineering • General Engineering • Cert III Aviation (2 years)
MATHEMATICS	STEM Institute Mathematics Extension	STEM Institute Mathematics Extension	Mathematics Extension	ATAR • Mathematics Applications • Mathematics Methods • Mathematics Specialist	ATAR • Mathematics Applications • Mathematics Methods • Mathematics Specialist