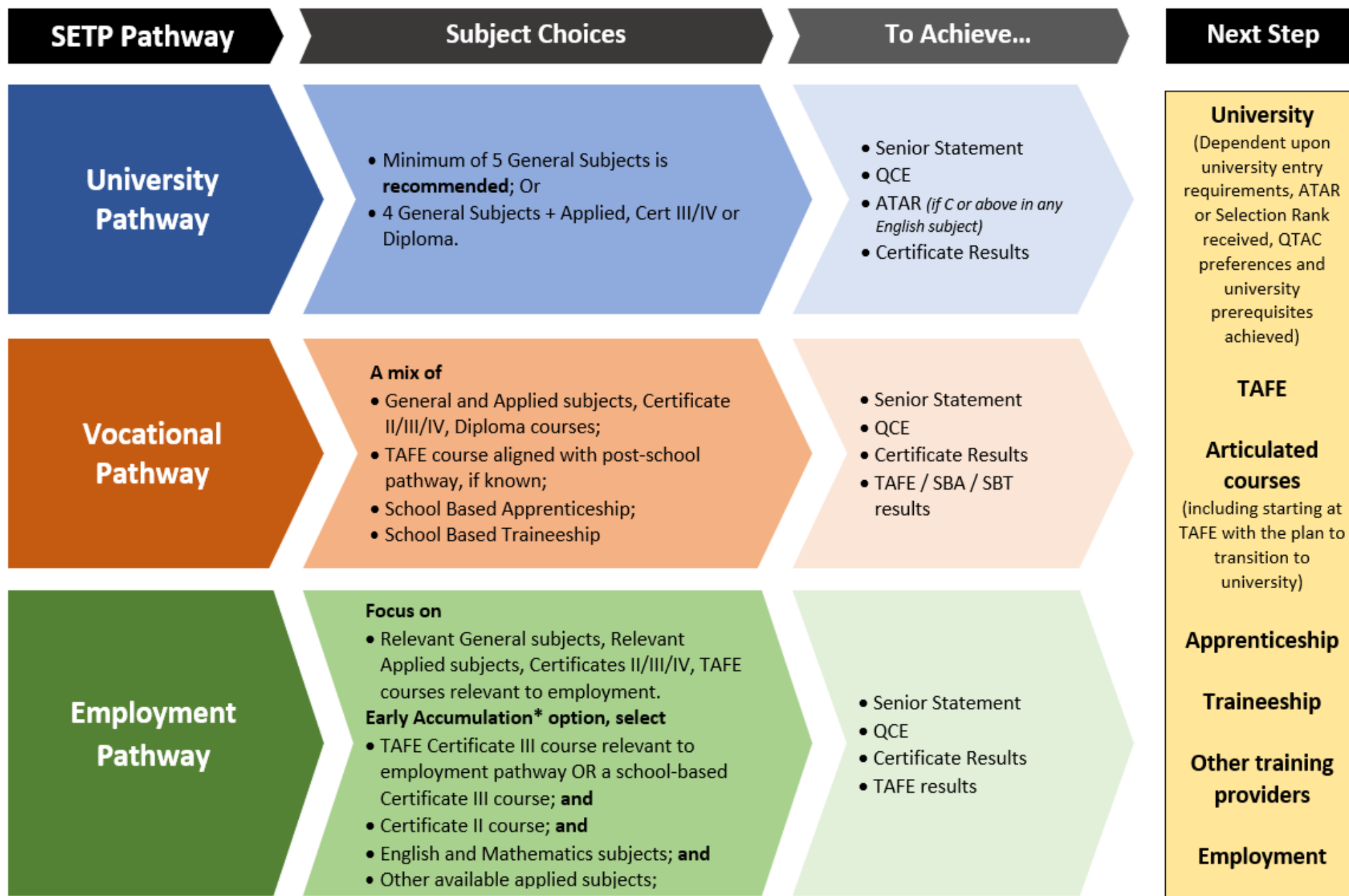




CAVENDISH ROAD
State High School

YEAR 10 SUBJECT SELECTION BOOK

Planning your Post-School Pathway at Cavendish Road State High School



* Students considering this option require their SETP Interview to be with the Year 10 DP, GO or HoD Senior Schooling.

Year 10 is the entry point to the senior phase of learning. It is the final year of the Australian Curriculum, and forms the foundation of knowledge, understanding and skills required for senior studies. The subjects that you undertake in year 10 will prepare you for Year 11 and 12. You will find Year 10 studies more demanding than those in Year 9. Learning expectations are focused toward students becoming independent learners.

Students are required to develop a Senior Education Training Plan (SETP) during Year 10. The SET Plan maps out a plan of action to ensure students remain on track for success in senior secondary, post-school education and work. During the SET planning process, students identify their intended learning option to be achieved through the compulsory participation phase. Students are supported to acquire the knowledge and skills to develop their SET plan and to review and revise it, where necessary, throughout Years 11 and 12.

Year 10 is the time to start considering your preferred future pathway. There are many options available at our school which will assist you to achieve your post school goals. When selecting your subjects consider your past performance strength and aspirations; you should select subjects that you find interesting and that you have previously been successful in.

Your Year 10 program will include compulsory and elective subjects, please read through all sections of this handbook carefully and seriously consider your options.

Compulsory Subjects for Two Semesters

The following subjects must be studied for two semesters in Year 10:

- English
- General Mathematics Preparation, Mathematics Methods Preparation, Accelerated Mathematics or Mathematics Foundation
- Year Level Care (YLC)
- Wednesday afternoon inter-school sport or recreational activity

Compulsory Subjects for One Semester

The following subjects must be studied for one semester in Year 10:

- History
- Science or Science Foundation
- Health and Physical Education- Students who are in our Sporting Academy will study their Academy specific course during their Health and Physical Education classes throughout the year.

Students will select five additional subjects from the following course offerings. Your selection can come from any of the Learning Areas. You can select multiple Senior Preparation subjects from the same Learning Area.

The Preparation Subjects are focused on preparing you for your Year 11 and 12 subjects. In Year 10, students are offered three types of preparatory subjects –

- General Subjects - These subjects are suited to students who are interested in pathways beyond senior secondary schooling that lead primarily to tertiary studies and to pathways for vocational education and training and work.
- Applied Subjects - These subjects are suited to students who are interested in pathways beyond senior secondary schooling and lead to vocational education and training or work.
- Certificate Programs - These programs are best suited to students who are interested in a vocational education pathway.

General Preparation Subjects:

- Business & Humanities - Accounting Preparation, Business Preparation, Economics Preparation, History Preparation, Geography Preparation, Legal Studies Preparation and Philosophy Preparation.
- Health and Physical Education - Health Preparation, Physical Education Preparation.
- Languages - Japanese, German. Students who wish to continue to study the language that was studied in Year 9 must chose two semesters of Japanese or German.
- Mathematics - Specialist Mathematics Preparation.
- Sciences - Biology Preparation, Chemistry Preparation, Psychology Preparation, Physics Preparation, General Engineering Preparation.
- Technologies - Design Preparation, Digital Solutions Preparation, Food and Nutrition Preparation.
- The Arts - Art Senior Preparation, Drama, Music

Applied Preparation Subjects:

- Health and Physical Education - Recreation and Fitness Preparation.
- Technologies - Design and Technologies (Engineering Practical), Design and Technologies (Furnishing Practical), Digital Technology, Hospitality Preparation.
- The Arts - Media Arts, Visual Art.

Certificate Programs:

- Senior Schooling - Certificate II in Workplace Skills
- Health and Physical Education - Certificate II in Coaching

Compulsory Subjects for Two Semesters

Subject title	Description	Types of Assessment
English (ENG101)	In Year 10 students will interact with peers, teachers, individuals, groups and community members in a large range of face-to-face and online/virtual environments. They will continue to experience learning in familiar and unfamiliar contexts, including local community, vocational and global contexts. Student engagement with a variety of texts will increase in complexity to challenge and extend to develop critical thinkers in preparation for Senior English Requirements.	Persuasive Multimodal Presentation, Analytical Essay, Written Exam & Multimedia Narrative
Short Course in Literacy (LIS101)	<p>The is an invitation only subject that runs in Semester 2.</p> The Short Course in Literacy is a one-unit course, developed to meet a specific curriculum need that is suited to students who are interested in pathways beyond school that lead to vocational education and/or work. Students will learn within a practical context related to general employment and successful participation in society, drawing on the literacy used by various professional and industry groups. Learning experiences are activity-based and life-related. They will typically be practical and spoken/signed. The learning environment will emphasise group interactions and participation, and actively encourage participation. Successful completion of this Short Course in Literacy will earn students one QCE credit.	Feature Article, Journal Entries, Job interview, Comprehensive Examination
General Mathematics Preparation (MAT101)	General Mathematics Preparation provides students with essential mathematical skills and knowledge in Number and Algebra, Measurement and Geometry, and Statistics and Probability. It develops the numeracy capabilities that all students need in their personal, work and civic life, and provides the fundamentals on which mathematical specialties and professional applications of mathematics are built. Students in this course will follow the Australian Curriculum for Year 10.	Examinations and Problem Solving & Modelling Task
Mathematics Methods Preparation (MAX101)	Mathematics Methods Preparation provides students with the same opportunities as the General Mathematics Preparation course but also provides students with optional areas of the Year 10 curriculum that are advantageous for those intending to pursue Mathematical Methods or Specialist Mathematics in the senior secondary years. Students in this course will follow the Australian Curriculum for Year 10 Advanced.	Examinations and Problem Solving & Modelling Task
Accelerated Mathematics- Year 11 Methods	The Year 10 Accelerated Mathematics course covers the Year 11 Mathematical Methods Course. Entry is by invitation only. Students currently in the Year 9 Accelerated program will be automatically enrolled into this course.	Examinations and Problem Solving & Modelling Task

Entry is by invitation only.	The major domains of mathematics in Mathematical Methods are Algebra, Functions, relations and their graphs, Calculus and Statistics.	
Mathematics Foundation (MAF101) Entry is by invitation only.	The Year 10 Mathematics Foundation course does not follow the Australian Curriculum for Year 10. Entry is by invitation only. The course focusses on key areas in the Year 8 and Year 9 Australian Curriculum which are essential for success in the Senior Essential Mathematics Course.	Examinations and Problem Solving & Modelling Task

Compulsory Subjects for One Semester

Subject title	Description	Assessment
History (HIS101)	Students will study the history of the modern world and Australia from 1939 to the present with an emphasis on Rights and Freedoms. The content provides opportunities for students to develop historical understanding through the key concepts of evidence, continuity and change, cause and effect, perspectives, empathy, significance and contestability. Students will be taught how to ask questions about our past and will learn to research and critique information presented.	Response to task & Historical Essay
Science (SCI101)	This one-semester course aligns to the Australian Curriculum for Year 10 Science and will introduce students to the scientific understandings and inquiry skills that will form the foundations for the study of any of the senior science courses.	Experimental Report & Examinations
Science Foundation (SCF101)	This one-semester course aligns to the Australian Curriculum for Year 10 Science and provides students with an opportunity to explore the four streams of science through a real-world lens. This is a subject for students who are not looking to study a science in Years 11 and 12.	Folio & Multi-modal presentation
Health and Physical Education (HPE101)	The Year 10 curriculum supports students to refine and apply strategies for maintaining a positive outlook and evaluating behavioral expectations in different leisure, social, movement and online situations. Students learn to critically analyse and apply health and physical activity information to devise and implement personalized plans for maintaining healthy and active habits.	Written assessment – short response & Performance Based assessment

Academy Programs

Football Academy (CCF101)	The Football Academy, which is endorsed and supported by Football Queensland, is conducted as a school subject through TAFE QLD where the students complete a Certificate II in Coaching, leading into a Certificate III in Coaching for year 11. The course is designed to give students an additional pathway into football and coaching	Competency based practical and theoretical based assessment.
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Netball Academy (HNL101)	The Netball Academy, which is endorsed and supported by Netball Queensland, is conducted as a school subject under the umbrella of Health and Physical Education. Through a Netball context this subject aims to develop healthy and physically active young people who can advocate for their own and others' health.	Performance Based Assessment & Written Assessment
Touch Football Academy (HNT101)	The Touch Football Academy, which is endorsed and supported by Queensland Touch, is conducted as a school subject under the umbrella of Health and Physical Education. Through a touch football context, this subject aims to develop healthy and physically active young people who can advocate for their own and others health.	Performance Based Assessment, Written Assessment & Practical Exam

General Preparation Subjects for One Semester

Subject title	Description	Assessment Link to the QCAA Year 11 and 12 course outlines
Business & Humanities		
Accounting Preparation (ACP101)	Accounting Prep is the foundation unit to Senior Accounting. It will cover the elementary concepts such as the Accounting Equation and recording of financial transactions through to financial reports. Students will focus on the specialised language of accounting. Assessment is designed to prepare students for entry into Senior Accounting.	Examination – Combination response & Project Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/humanities-social-sciences/accounting
Business Preparation (BUP101)	Students will be introduced to the fundamentals of business. They will study types of legal business structures, business environments and entrepreneurship. Students investigate the creation of business ideas and the business life cycle. SWOT analysis will be used to analyse strategic planning. Assessment is designed to prepare students for entry into Senior Business.	Examination – Combination response & Research Investigation Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/humanities-social-sciences/business
Economics Preparation (ENP101)	Within this course students will study: how market systems operate and factors that influence financial success, how governments target objectives of improved living standards and economic growth; and how to utilise economic indicators to assess economic performance (i.e., GDP Growth Rates, unemployment rates, inflation, dwelling sales, building approvals). This	Examination – Combination response & Research investigation Link to the QCAA:

	course will provide students with a solid foundation to excel in Years 11 and 12.	https://www.qcaa.qld.edu.au/senior/senior-subjects/humanities-social-sciences/economics
Geography Preparation (GEP101)	A study of geography develops students' curiosity and wonder about the diversity of the world's places and their people, culture and environment. Geography emphasises the role of the environment in supporting human life and the important interrelationships between people. Students are involved in two units of study – Environmental Change and Management and Geographies of Human Wellbeing – with a focus on Australian, Asian and international aspects of these studies.	Field Report & Examination – Combination response Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/humanities-social-sciences/geography
History Preparation (HIP101)	Students will gain an understanding about how power has been used and abused through time across both the Ancient and Modern World. Students will delve into the corrupt emperors of Ancient Rome as well as Hitler's abuse of power throughout the Nazi regime and subsequent Holocaust. This course will provide students with a solid foundation to excel in either Modern or Ancient History in Year 11 and 12.	Examination – Combination response & Source interrogation Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/humanities-social-sciences/ancient-history
Legal Studies Preparation (LEP101)	Students will gain an understanding about the role of government in law-making, how the Australian legal system operates, and the people who administer the law. Students will explore rights and responsibilities towards each other and Australia's international obligations. Legal Studies Prep will enable students to appreciate how the legal system is relevant to them and their communities whilst preparing students for Year 11 and 12.	Examination – Combination response & Research investigation Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/humanities-social-sciences/legal-studies
Philosophy Preparation (PHP101)	Through our exploration of key concepts within these branches, students will be given the opportunity to develop their reasoning and argumentation skills by participating in Communities of Inquiry/Socratic Circles which cover a range of topics from 'What is identity?' to 'To be happy must we undergo suffering?' This course will provide students with a solid foundation to excel in Years 11 and 12	Examination – short response & Written Assessment Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/humanities-social-sciences/philosophy-reason

Health & Physical Education		
Health Preparation (HEP101)	The subject provides students with an inquiry-based approach of the various determinants that create and promote lifelong health, learning and active citizenship. Drawing from the health, behavioural, social and physical sciences, it allows students to take action, advocate and evaluate health promotions within the community.	Written Assessment & Exam – Essay Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/health-physical-education/health/syllabus
Physical Education Preparation (PEP101)	Students learn how body and movement concepts and the scientific bases of biophysical, sociocultural and psychological concepts and principles are relevant to their engagement and performance in physical activity. They engage in a range of activities to develop movement sequences and movement strategies.	Written Assessment & Multimodal Presentation Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/health-physical-education/physical-education
Languages		
Japanese (JPS101)	Year 10 Japanese students will learn to communicate effectively in various real-world situations, such as shopping, sightseeing, asking for directions, part-time work, and homestays. Students will also engage with a diverse range of texts, including advertisements, menus, weather forecasts, maps, emails, and letters, to deepen their understanding of the language. This practical approach will help students build confidence and fluency in everyday interactions, preparing them for more advanced studies and authentic experiences in Japanese-speaking environments. Year 10 Japanese is a pre-requisite for continued study in Senior Japanese.	Writing/Speaking Task, Reading/Writing Task & Listening Task
German (GER101)	Throughout the Year 10 course, German students will enhance their ability to communicate confidently and accurately, focusing on the four macro skills: listening, reading, speaking, and writing. Additionally, students will deepen their understanding of German culture and its influence on language, engaging with a variety of authentic texts and multimedia resources. In preparation for Senior studies, students will engage with texts and tasks that will extend their abilities. Year 10 German is a pre-requisite for continued study in Senior German.	Reading Task, Speaking Task, Writing Task & Listening Task
Mathematics		
Specialist Mathematics Preparation (SMP101)	Specialist Mathematics is an exciting subject that can be studied as an elective for those choosing Maths Methods Preparation. The subject will develop confidence in a student's mathematical knowledge and ability and gain a positive view of themselves as	Problem Solving & Modelling Task & Examination Link to the QCAA:

	mathematical learners. You will have an opportunity to discover areas of mathematics never previously covered.	https://www.qcaa.qld.edu.au/senior/senior-subjects/mathematics/specialist-mathematics
Science		
Biology Preparation (BSP101)	<p>Biology provides opportunities for students to engage with living systems. They will engage with the scientific research, laboratory skills and assessment types that mirror those offered in the ATAR Psychology course in Years 11 and 12.</p> <p><i>Due to the nature of the statistical analysis that students conduct in these subjects, it is recommended that students use a Windows or Apple laptop for this subject and highly recommended if continuing the subject into Years 11 & 12.</i></p>	<p>Research Investigation & Examination</p> <p>Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/sciences/biology</p>
Chemistry Preparation (CHP101)	<p>Chemistry provides students with the opportunity to study materials and their properties and structure. They will engage with the scientific research, laboratory skills and assessment types that mirror those offered in the ATAR Chemistry course in Years 11 and 12.</p> <p><i>Due to the nature of the statistical analysis that students conduct in these subjects, it is recommended that students use a Windows or Apple laptop for this subject and highly recommended if continuing the subject into Years 11 & 12.</i></p>	<p>Experimental Report & Examination</p> <p>Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/sciences/chemistry/syllabus</p>
General Engineering Preparation (GEE101)	<p>Engineering provides opportunities for students to engage in the study of mechanics, material science and control technologies through real-world engineering contexts. Students will experience the problem-based learning focus and assessment types that mirror those offered in the ATAR Engineering course in Years 11 and 12.</p> <p><i>Due to the nature of the statistical analysis that students conduct in these subjects, it is recommended that students use a Windows or Apple laptop for this subject and highly recommended if continuing the subject into Years 11 & 12.</i></p>	<p>Examination & Project Folio</p> <p>Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/technologies/engineering</p>
Physics Preparation (PYP101)	<p>Physics provides opportunities for students to engage with classical and modern understandings of the universe. They will engage with the scientific research, laboratory skills and assessment types that mirror those offered in the ATAR Physics course in Years 11 and 12.</p> <p><i>Due to the nature of the statistical analysis that students conduct in these subjects, it is recommended that students use a Windows or Apple laptop for this subject and highly recommended if continuing the subject into Years 11 & 12.</i></p>	<p>Experimental Report & Examination</p> <p>Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/sciences/physics</p>
Psychology Preparation (PSP101)	<p>Psychology provides opportunities for students to engage with concepts that explain behaviours and underlying cognitions. They will engage with the scientific research, laboratory skills and assessment</p>	<p>Experimental Report & Research Investigation</p>

	<p>types that mirror those offered in the ATAR Psychology course in Years 11 and 12.</p> <p><i>Due to the nature of the statistical analysis that students conduct in these subjects, it is recommended that students use a Windows or Apple laptop for this subject and highly recommended if continuing the subject into Years 11 & 12.</i></p>	<p>Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/sciences/psychology</p>
Technologies		
Design Preparation (DEP101)	<p>Students will analyse a design problem, generate and evaluate their ideas for developing a solution, produce a product and then evaluate on its effectiveness. Students will use modern computer aided design software to generate digital prototypes of their designs.</p>	<p>Exam & Folio</p> <p>Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/technologies/design</p>
Digital Solutions Preparation (DSP101)	<p>Students will learn how to design, connect and program microprocessors and sensors (e.g., Arduino, Raspberry Pi) as well as how to program dynamic web application. They will then test and modify their smart devices to solve real world requirements.</p> <p><i>Due to the nature of the coding completed in these subjects, it is highly recommended that students use a Windows laptop for this subject. If there are questions, please contact the Head of Department Mr Schloss.</i></p>	<p>Project based assignments</p> <p>Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/technologies/design/assessment</p>
Food and Nutrition Preparation (FNP101)	<p>Students will investigate the food science of nutrition. They will examine the functions of nutrients and the health impacts of under- and over-consumption of these substances. Students consider the chemical, functional and nutritional properties of foods. Students will also examine emerging trends in the food industry and how consumers access nutritious food. Students are challenged to think about, respond to, and create design solutions for contemporary problems in the area of food and nutrition</p>	<p>Examination & Written Folio</p> <p>Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/technologies/food-nutrition</p>
The Arts		
Art Senior Preparation (ASP101)	<p>This course provides students with pre-requisite experiences to support further study in Senior Art. Students will experience art 'making' and 'reflection' by adopting inquiry-based learning and responding to themes in art. They will be exposed to a range of processes/techniques and mediums chosen from Printmaking, Drawing, Painting, Sculpture and Digital approaches.</p>	<p>Practical Folio, Journal & Written Assessment</p> <p>Link to the QCAA: https://www.qcaa.qld.edu.au/senior/senior-subjects/the-arts/visual-art</p>
Drama (DRA101)	<p>Students develops skills in Project and Products as per the senior ATAR course. The plays studied are relevant for teenage audiences and have strong social and political messages. Unit of study will develop knowledge and understanding of essential theory and stagecraft skills.</p>	<p>Project work & Folio</p>

Music (MUS101)	Students will be studying music styles from the medieval times to modern day forms, through performing, composing and responding. Students will perform individually and/or in small groups using a range of instruments. They will compose using music technology such as notation programs and/or utilise Digital Audio Workstations which can record their own compositions.	Performing Task, Composing Task & Responding Task
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Applied Preparation Subjects for One Semester

Subject title	Description	Assessment
Health & Physical Education		
Recreation and Fitness Preparation (RFP101)	Fitness and Recreation Studies aims to prepare students for pathways to both the Certificate III in Fitness and Senior Recreation Studies. Students will be experience client screening and training program development in a gym setting, as well as engaging in a unit developing their understanding of the different fitness components and how they apply to the team sport of AFL.	Examination, Practical Assessment, Written Assessment & Performance based assessment
Technologies		
Design Technology-Engineering Practical (EER101)	Engineering focuses on the underpinning industry practices and production processes required to create, maintain and repair predominantly metal products in the engineering manufacturing industry. This subject will serve as a platform for Senior Cert II Engineering Pathways and involves students gaining exposure to the machines, tools and materials involved in the metal working and allied industries. This course is project driven with some associated theoretical information distinct to the subject.	Class-based projects & Examination
Design Technology-Furnishing Practical (FUR101)	Focuses on the underpinning industry practices and production processes required to manufacture furnishing products with high aesthetic qualities.	Project based assignments, Practical Assessment & Examination
Digital Technology (DIG101)	Students will be learning how to program a native appt using a range of programs, as well as developing digital promotional material (i.e., 3D prints and games covers) to help launch a new video game. This subject is suitable for students who are wanting to take Digital Technology subjects in Year 11 and 12, and also helps students who want to have a career in the Creative Arts and Design. <i>Due to the nature of the coding completed in these subjects, it is highly recommended that students use a Windows laptop for this subject. If there are questions, please contact the Head of Department Mr Schloss.</i>	Project based assignments
Hospitality Preparation (HSP101)	This course of study will be based on both theoretical and practical activities. It provides students with opportunities to use tools and equipment to create design solutions in a hospitality context. Activities will reflect the food specialisation strand of the Design	Folio & Practical work

	and Technologies curriculum. This elective runs for one semester. This subject serves as a base for students to prepare for Hospitality Practices Applied Senior Syllabus.	
The Arts		
Media Arts (MED101)	Media Arts enables students to analyse past technologies, and use existing and emerging technologies as they explore imagery, text and sound to create meaning. Students participate in, experiment with, and interpret cultures, media genres and styles, and different communication practices	Written Assessment & Examination – extended response
Visual Art (ART101)	This course provides students with an understanding of the 'design' process through the exploration of drawing, painting, printmaking and sculptural techniques. Digital media is also used to support folio productions. Reference to artists and artworks will allow students to develop their ability in 'visual literacy' and create a personal aesthetic.	Journal, Practical Folio & Written assessment

Certificate Programs:

- [Senior Schooling - Certificate II in Workplace Skills](#)
- [Health and Physical Education - Certificate II in Coaching](#)