



## Suggested SUBJECT OFFERINGS/PREREQUISITES YEAR 10 2020

<b>Subjects</b>	<b>Brief Description</b>	<b>Prerequisite</b>	<b>Pathway</b>	<b>Additional Information</b>
<b>Mathematics Department – compulsory – must select 1 subject</b>				
Essential Mathematics	Focus on essential mathematical concepts	Essential Maths or those failing Year 9 Maths.	Employment Non-tertiary options (TAFE, apprenticeships, etc)	Suitable for students in Year 9
General Mathematics	Builds on curriculum studied in P-10.  Requires some algebra skills	Need at least a C in Year 9 Maths	Tertiary – Education, Business, IT, Finance, Science and the Arts  Armed forces & emergency services require a minimum of a pass in Year 10 General Maths.	If students are currently getting low C's in Year 9 Maths, it would be recommended that they move into General Maths regardless of future pathway.  Can move to Essential Maths for Year 11 & 12
Mathematical Methods	Prepares students for Mathematical Methods in Year 11 & 12. A lot of new maths content is introduced  Requires strong algebra skills	Need at least a B in Year 9 Maths.	Tertiary – Science, Engineering, Health, Computer Science & Psychology etc	If students are currently getting A's & B's in Year 9 Maths, it would be recommended that they move into Mathematical Methods regardless of future pathway.  Can move to General Maths for Year 11 & 12
<b>English &amp; Languages Department – compulsory – must select either English or Essential English</b>				
English	Similar to Year 9 English, students study language features and text types for various purposes	Students need at least a C in Year 9 English	English (General) Tertiary or employment	
Essential English	A study in essential language skills using a range of text types		English Essentials (Applied) or Certificate II in Skills for Work and Vocational Pathways  Other training providers such as TAFE, Impact or employment	
Japanese	Explore the Japanese language in preparation for Year 11 and 12 Japanese	Students need at least a C in Year 9 Japanese	Japanese (General) Tertiary or employment	Must have studied Japanese in Years 7, 8 and 9
<b>Science Department – compulsory – must select 1 subject</b>				
Science Extension	Specifically prepares for senior Sciences.	Students require at least a B in Year 9 Science	Pathway to Senior Sciences General subjects – Biology, Chemistry, Physics, Psychology (University pathway)	
Science	Core science, similar to Year 9 Science.	Students require at least a C in Year 9 Science	Allows for entry in to senior sciences that lead to university and other tertiary options	

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Applied Science	An applied, more practical Science.		Vocational/employment pathway	Designed for students who do not meet the prerequisites for other Science subjects

### **Humanities and Social Science Department**

History	Similar to Year 9 History, students study a Semester each of Ancient History and Modern History	Students need at least a C in Year 9 English; no prior study required	Ancient or Modern History (General) Tertiary or employment	
Geography	Similar to Year 9 Geography, students study human and physical geography across the world through local, national, regional and global studies	Students need at least a C in Year 9 English; no prior study required	Geography (General) Tertiary or employment	
Legal Studies	Students will learn their rights and responsibilities in society. We live in a changing world, it is important for all of us to understand how we are important in society.  Students will learn how laws are made, how we can have our say and how we can protect ourselves.		University – Law degree either stand alone or as a double degree with education, business, IT and many more. It is also beneficial as there are law subjects in many University Qualifications.  Non-University – TAFE, know your rights at work, etc.	A great intro to Legal Studies in Year 11, but you do not need to do Legal in year 10 to do it in Year 11.
Business Studies	75% of the population either works for or owns a business. Over 60% of students will do a business course at Uni or TAFE when they finish school. This subject shows you many facets of how businesses run. It also prepares you for the various subjects you can do in 11 and 12.		University – Dual degrees with many other areas, stand-alone Degrees in Business, Accounting, Marketing, Human Resource Management. Non-University – run your own business, go to TAFE to do many Certificate courses. Complete Traineeships and Apprenticeships while working!!	

### **Health and Physical Education Department**

Health & Physical Education	Builds on HPE from 7-9 Students who are doing well in HPE prac and theory.	Students require at least a C in English and Year 9 HPE	Year 11 and 12 PED/Health (General) University, Tertiary, Health, Nursing, Physiotherapy	Can't do PED <b>and</b> Recreation  Can do Health and Phys Ed
Recreation	Students who enjoy HPE but struggle with theory. Different sports than HPE/PED. Theory is less complex than HPE.		Recreation in Year 11 and 12 (Applied) Personal Trainer, Certificates I, II, III in Sport and Recreation TAFE/Trade	Students must participate in all theory and practical lessons.  Can't do PED <b>and</b> Recreation
Rugby League Development	Same theory as Recreation (not as complex as PED/HED). Focuses on developing Rugby League to a high level. Only sport is Rugby all year.		Year 11/12 Recreation (Applied) Personal Trainer, Certificates I, II, III in sport and recreation TAFE/Trade	Can only do this subject and Health – no other Phys Ed subjects are compatible with this one.
Soccer Program	Builds on HPE from 7-9			Can only do this subject and Health – no other Phys Ed

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	Students who are doing well in HPE prac and theory. Focuses on taking soccer to higher level Same Theory as PED.			subjects are compatible with this one.
Health	No Practical aspect. Theory based on health in the community and health related issues. For students who are doing well in HPE theory and English.	Students require at least a C in English	Year 11/12 Health (General) University/ Tertiary - Health, Nursing, Allied health, Community health	3 lessons of theory a week

### **Technology Department**

Engineering Principles and Systems	Students study Engineering Principles and Systems through design, manufacture and evaluation of STEM projects, using a variety of technologies.	Students need at least a B in Year 9 English and Design Technology to ensure success in this subject.	General Subject: Design Tertiary Pathway: Engineer; Architect; CAD CAM designer	
Materials and Technologies Specialisation	A hands-on subject, students study simple design techniques and apply these when making projects from a variety of materials.	Students must be able to demonstrate safe work practices in the workshop.	Applied Subjects: Construction and Building Skills; Engineering Skills; Furnishing Skills; Industrial Graphics Skills; Industrial Technology Skills.	
Digital Technology Studies	Students will investigate, design and evaluate digital solutions using modular programs, information systems, networks, data compression and algorithms.		Applied Subject: Information and Communication Technology. Tertiary Pathway: Programmer; Software Engineer; Game Designer; Web Developer	Replaces ICT
Food Specialisation	Students will design and make food items for various clients, exploring different cooking methods, healthy choices, global cuisines and catering for large groups.	Students must be able to demonstrate safe work practices in the kitchens.	Applied Subject: Hospitality Practices VET: Cert II in Kitchen Operations. Chef; cook; hospitality industry.	Similar to Food Studies in Years 7, 8 & 9. Weekly Lesson Structure - 1 Theory Lesson - 1 Demo Lesson - 1 Cooking Lesson

### **The Arts Department**

Visual Art	Students study the theoretical and practical techniques of a variety of artists, movements, materials and styles	Students need at least a C in Year 9 English to ensure success in the subject	Visual Art (General) Tertiary	
Visual Arts in Practice	Students study the practical techniques of art using a range of styles and materials		Visual Arts in Practice (Applied) Non-tertiary or employment	Offers a suitable study option for mainstream, SEP and learning support students
Drama	Students study, perform and analyse a variety of dramatic styles as well as learn various plays and industry techniques in theory and practice.	Students need at least a C in Year 9 English to ensure success in the subject	Drama (General) Tertiary  Drama in Practice (Applied) Non-Tertiary or employment	
Music	Students study, perform and analyse various music	Students must have musical	Music (General)  Tertiary	

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	and musicians from a range of styles and times.	ability, be able to read music; Prior study is desirable – students must study in year 10 to select music in year 11/12		
Media Arts	Students study the art of film and TV from design through to production/ presentation using technology for special effects, graphic creation and filmmaking languages.	Students need at least a C in Year 9 English to ensure success in the subject	Film, TV and New Media (General)  Tertiary or employment	

### Special Education Department

English Foundation	Set Course of Study determined by Learning Co-ordinators and DP-SEP			
Maths Foundation				
Science Foundation				
ASDAN				
Practical Living Skills				
Leisure & Alternative Programs				

### Subjects/courses that lead to my future career pathway

English	Essential English	
Mathematical Methods General Mathematics	Essential Mathematics	
Science Extension Applied Science	Science	

### Subjects/courses that interest me
