

WAVERLEY COLLEGE



Course Requirements

**Year 11
2019**

HSC SUBJECT REQUIREMENTS 2019

KLA	SUBJECT	REQUIREMENT	NOTES
RE	Studies of Religion 2 Unit	Top 40% in RE and English	All students attempting this course must be heading towards the award of an ATAR. Students who are not strong in English will have difficulty completing this course. Students in Year 10 must have demonstrated enthusiasm, consistent application and achievement. This highly demanding course is suitable for those students performing to the top end of the cohort as determined by the Head of Religious Education.
	Studies of Religion 1 Unit	Top 60% in RE and English	All students attempting this course must be heading towards the award of an ATAR. Students will need competent skills in English. Students in Year 10 must have demonstrated enthusiasm, application and competence.
	Catholic Studies	Nil	Targeted to those students who are undertaking a non-ATAR pattern of study. This does not count towards an ATAR.
English	English Extension 2	Upon application at the end of the Year 11 English Extension 1 course.	Students will discuss their eligibility to sit HSC English Extension 2 in Year 12 with their Year 11 English Extension 1 teacher and the Head of English.
	English Extension 1	Advanced English	Students who apply for Extension English will have demonstrated essay writing, creative writing and reading skills to a substantial level. This highly demanding course is suitable for those students performing to the top end of the cohort as determined by the Head of English.
	English Advanced	English - top 40%	Students will be placed into Advanced English classes if their Year 10 end of year assessment mark ranks them in the top 40% and their class work in Year 10 has demonstrated persistence, application and achievement.
	English Standard	Nil	Students will be placed into Standard English classes if their Year Ten end of year assessment mark does not rank them in the top 40%. Students who are ranked in the top 40% may also elect to sit Standard English in discussion with their class teacher and the Head of English.
	English Studies	Nil	The English Studies course is recommended for students who are following a non-ATAR pattern of study and/or students who require intensive extra support with English as determined by the Head of Department.
Mathematics	Mathematics Extension 2	Upon application at the end of the Preliminary Mathematics Extension 1 course. Student must be willing to carry at least 11 units up until the Trial HSC	Prerequisite- students require to have achieved all the Preliminary Extension 1 outcomes at a superior level. Students will discuss their eligibility to sit HSC Mathematics Extension 2 with their Year 11 Mathematics teacher and the Head of Mathematics.

	Mathematics Extension 1	<p>All Accelerated students and the top 20% of Level 5.3 students.</p> <p>Student must be willing to carry at least 11 units up until the Trial HSC</p>	<p>Prerequisite- students require to have achieved all the stage 5.3 outcomes at a superior level.</p> <p>The course is designed for students with a special interest in mathematics who have shown that they possess exceptional aptitude for the subject.</p> <p>This course is for students who require substantial mathematics at a tertiary level, supporting the physical sciences, computer science or engineering.</p>
	Advanced Mathematics	<p>Approximately 75% of Level 5.3 students and the top 10% of Level 5.2 students.</p> <p>Must have superior understanding of Algebra. This is assumed knowledge.</p>	<p>Prerequisite- students require to have achieved all the stage 5.2 outcomes at a superior level and successfully complete the Criteria Examination in Term 2. This is a Calculus based course with sufficient basis for further studies in mathematics as a minor discipline at tertiary level in support of courses such as the life sciences or commerce.</p>
	Standard Mathematics 2	<p>Level 5.2 students and the top 20% of Level 5.1 students.</p>	<p>This is a Finance and Statistics based course that will provide an appropriate mathematical background for students who wish to enter occupations that require the use of a variety of mathematical and statistical techniques. As well providing a strong foundation for university study in the areas of business, humanities, nursing and paramedical sciences.</p>
	Standard Mathematics 1	<p>Approximately 30% Level 5.1 students.</p>	<p>This course provides students with the opportunity to develop appropriate understanding and competence in aspects of mathematics.</p> <p>It requires mathematical problem-solving skills and literacy skills. This course offers students the opportunity to prepare for post-school options of employment or further training.</p> <p>This course has an optional HSC Examination that can be included in the calculation of the ATAR score.</p>
Science	Biology	<p>Science - top 50% in Year 10 Science</p> <p>English - top 50% in Year 10 English.</p>	<p>Students will be considered for Biology if their Year Ten end of year assessment mark in Science and English ranks them in the top 50% of the Year group and their class work in Year 10 has demonstrated persistence, application and achievement.</p>
	Chemistry	<p>Science - top 35% in Year 10 Science</p>	<p>Students will be considered for Chemistry if their Year Ten end of year assessment mark in Science ranks them in the top 35% of the Year group and their class work in Year 10 has demonstrated persistence, application and achievement.</p> <p>Students will need to have achieved a result in the Year 10 Chemistry assessment task that places them in the top 35% of the cohort.</p>
	Physics	<p>Science - top 35% in Year 10 Science</p> <p>Level 5.3 Mathematics or top 25% of Level 5.2 Mathematics.</p>	<p>Students will be considered for Physics if their Year Ten end of year assessment mark in Science ranks them in the top 35% of the Year group and their class work in Year 10 has demonstrated persistence, application and achievement. Students will need to have achieved a result in the Year 10 Physics assessment task that places them in the top 35% of the cohort.</p>

			Students wishing to undertake Physics should have studied Level 5.3 Mathematics or be in the top 25% of Level 5.2 Mathematics.
	Investigating Science	Science - top 70% in Year 10 Science	This course is suited to students studying an ATAR pathway. Students outside the top 70% in Year 10 Science are encouraged to consider Marine Studies which is a non-ATAR alternative.
	Marine Studies	Nil	The course is practical in nature and provides students the opportunity to gain First Aid and CPR Accreditation, Open Water SCUBA diving qualification and to obtain a NSW Waterways Boat Drivers Licence. This course is suitable for students following a non-ATAR pattern of study.
TAS	Design and Technology	75%+ in a Stage 5 TAS subject. English - top 40%	This course is suited to students who have studied a TAS subject in Year 10. This course is designed for students who are self motivated and have an interest in design and using innovative and emerging technologies. Students are required to complete an 80 page detailed portfolio of their HSC project which requires reasonable literacy skills.
	Engineering Studies	Students should be in the top 30% in Year 10 Mathematics. Students should be studying 2 Unit Mathematics or higher..	This course is suitable for students who have an interest in Engineering, have studied iSTEM in year 10 and they have demonstrated persistence, application and achievement. Students with a high aptitude in Mathematics and Science will also be considered.
	Industrial Technology - Timber	75%+ in a Stage 5 TAS subject. English - top 50%	This course is suited to students who have studied Industrial technology - Timber in Year 10. Students should have an interest in designing and manufacturing Timber products. Students are at an advantage if they study Business Studies in conjunction with this course.
	Industrial Technology - Multimedia	75%+ in a Stage 5 TAS subject. English - top 50%	This course is suitable for students who have studied Industrial technology - Multimedia or an Information Technology subject in Year 10. An interest in learning new types of software is essential.
	Food Technology	75%+ in a Stage 5 TAS subject. English - top 40%	This course is suited to students who have studied a Food Technology in Year 10. Students should be willing to commit to the practical aspect of the course as well as have an interest in Nutrition and Product Development. Students should have good literacy levels.
	Information Processes and Technology	Nil	A theory based computing course that requires strong literacy levels.
	Spanish Beginners	Nil	This course is only available to students who have no previous knowledge of the language. The course involves a significant amount of vocabulary learning, and students will require strong literacy skills.
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	Spanish Continuers	Teacher Recommendation	This course is only available to students who have completed the Stage 5 course or equivalent in Spanish
Creative and Performing Arts	Drama	Minimum mark of 60% achieved in the Stage 5 Drama Course English - top 40%	Students can begin their study of Drama in Year 11 for the first time. However, those students who have studied Junior Drama are at an advantage. Students studying Drama need to be good collaborators as 80% of the course is group work. Students also need to be self-motivated as they complete an individual project. Those students who struggle with writing will have difficulty with this course as they have to write two essays in the HSC exam..
	Music 1	Teacher Recommendation	All students undertaking this course must be capable of playing an instrument or singing, although specific levels are not prescribed. All students will need to take private music tuition to attain the skills required for the successful completion of this course.
	Music 2	Teacher Recommendation	All students undertaking this course must be capable of playing an instrument or singing to a relatively high standard. Students must be fluent in reading and interpreting musical notation Students will be required to take private tuition on voice or an instrument and in addition participate in school ensemble.
	Music Extension	Only Music 2 students can enter Music Extension	An extension of studies in Music 2, students develop and expand aural awareness and understanding through the specialisation in Performance or Composition or Musicology. Each student follows an individual program of study.
	Visual Arts	Nil	This course is designed for students who are self-motivated and have an interest in Visual Arts. Students should be willing to commit to the practical (50%) and theory (50%) components of the course. While the course builds on Visual Arts, Photography and Digital Media and Visual Design courses in Stages 4 and 5, it also caters for students with more limited experience in Visual Arts. Students should have good literacy levels. The course requires wide reading, research and essay writing. It is suited to students studying an ATAR pathway. Non-ATAR students are encouraged to undertake the Photography, Digital Media and Video course.
PDHPE	PDHPE	PDHPE - Minimum mark of 70% achieved in the theory assessment component of Year 10 PDHPE. English - top 40%	All students attempting this subject must be heading towards the award of an ATAR. Students outside this range are encouraged to undertake SLR which is a non-ATAR alternative to the rigorous HSC PDHPE course.
	Sport, Lifestyle and Recreation Studies	Nil	Ideal alternative to the rigorous 2 Unit PDHPE course. Students gain the additional benefit of completing external certificates/qualifications during the course. This course is suitable for students following a non-ATAR pattern of study. Students are unable to study SLR and PDHPE.
HSIE	Economics	English - top 40%	Students will require the ability to calculate and interpret mathematical/statistical data.

			High order essay writing skills are essential.
	Business Studies	Nil	A significant amount of business terminology needs to be learnt and used by students. An ability to complete significant research into contemporary businesses and present findings in a variety of writing styles is necessary.
	Legal Studies	English - top 40%	An ability to write high order extended responses, incorporating evidence-based research is highly important.
	Geography	Stage 5 Geography 70% average English-top 40%	Suited to students studying an ATAR pathway. High levels of geographical skills and essay writing. Keen interest in Geographical issues and well developed writing skills
HSIE	Ancient History	Stage 5 History 75% average English - top 30%	Suited to students studying an ATAR pathway. High levels of source analysis and essay writing needed. The ability to interpret, evaluate and argue required of narratives. Recommended that you be studying either Standard or Advanced English, and read widely. Broad and specialised reading required. The ability to undertake a significant research task, including reading, source analysis and composition of an evaluative or interpretative narrative. A personal interest in the Ancient World and other cultures.
	Modern History	Stage 5 History 75% average English - top 30%	Suited to students studying an ATAR pathway. High levels of source analysis and essay writing needed. The ability to interpret, evaluate and argue required of narratives. Recommended that you be studying either Standard or Advanced English, and read widely. Broad and specialised readings required. The ability to undertake a significant research task, including reading, source analysis and composition of an evaluative or interpretative narrative A personal interest in the Modern World (post-1914), and the history, interactions and influences of other cultures.
	History Extension	Year 11 Preliminary History (Ancient or Modern) 80% average. Either: Invitation extended to suitable candidates for entry. OR,	Suited to students studying ATAR pathway, and who are seriously considering a University degree.. High levels of essay writing, research skills and wider, academic reading of historiography. Completion of a significant written research task into the theories or debates involving history and/or

		Permission granted upon application at the end of the Preliminary Course in Ancient and/or Modern History.	philosophy/ theories of history. This may explore theoretical, Ancient or Modern History topics. English - 2 Unit Standard top 10%, 2 Unit Advanced, top 20% or English Extension 1.
For External Course offered at Open High School please see Head of Languages	Open High School	http://www.theopenhs-d.schools.nsw.edu.au/ Head of Languages recommendation	Students who wish to study a language other than those offered at the College need to contact the Head of Languages. Places are limited and are allocated in order of application. Please visit the Open High School website to check which languages are offered and any course requirements. See Miss Richards.
VET course are Category B Subjects (only one course can be used in the calculation of an ATAR)			
VET	Construction	Nil	Must have an interest in the Construction industry. Students must complete 35 hours of workplacement each year in Year 11 and 12.
	Hospitality - Kitchen Operations	Purchase Chef's uniform and tool box	Must have an interest in cooking and Hospitality industry. Willing to participate in workplacement after school hour functions during the year.
	Entertainment	Nil	Must have an interest in the Entertainment Industry and be prepared to work on a school production in Year 11 or 12 for 35 hours to gain Internal workplacement. Students also complete a 35 hour workplace in Year 11 at an external venue. This course always attracts students who are studying an ATAR pathway, but also attracts students who are not going to attain an ATAR.
	Information and Digital Technologies	Nil	Must have an interest in the Computing industry, in particular, have an interest in computer networking and hardware. Students must complete 35 hours of workplacement each year in Year 11 and 12.
TVET (TAFE DELIVERED VET)	Automotive (Mechanical)	Nil	Offered at TAFE. Students complete a Certificate Course. See Mrs Knowles
	Automotive (Panel Preparation)	Nil	Offered at TAFE. Students complete a Certificate Course. Seers Knowles
	Business Services	Nil	Offered at TAFE. Students complete a Certificate Course. See Mrs Knowles
	Electrotechnology		Offered at TAFE. Students complete a Certificate Course. See Mrs Knowles
	Financial Services	Nil	Offered at TAFE. Students complete a Certificate Course. See Mrs Knowles

	Metal and Engineering	Nil	Offered at TAFE. Students complete a Certificate Course. See Mrs Knowles
	Primary Industries (Horticulture)	Nil	Offered at TAFE. Students complete a Certificate Course. See Mrs Knowles
	Retail Services	Nil	Offered at TAFE. Students complete a Certificate Course. See Mrs Knowles
	Tourism & Events	Nil	Offered at TAFE. Students complete a Certificate Course. See Mrs Knowles

NOTE: The above TVET courses may change based on external factors from TAFE. These are only some of the external courses offered to students. More Information on these will be given by Mrs Knowles on the Subject Selection Night.