**ADDITIONAL MATHEMATICS: ENGINEERING**

This subject provides students with a greater understanding of some topics that are covered in the compulsory Year 10 Mathematics course, as well as furthering their problem solving skills. Topics include logarithms, polynomials, circle theorem and trigonometry. This course would benefit those who wish to study Mathematical Methods and/or Specialist Mathematics in senior years. **Assessment: Investigations and Tests.**

**ART**

Topics – Portraiture, Design and Photography. Students explore visual representations of the human face and artistic intentions when producing portraits. They engage with the design process and appreciate the impact of design on environments. Students produce a photographic folio and develop their understanding of the elements and principles of design. **Assessment: Practical 60%, Theory 40%.**

**A CURRENT AFFAIR**

Students analyse topical events by exploring how and why these events occurred. Current affairs will be analysed and their economic, political, legal and social causes and the local, national and global implications examined. Example issues examined include: terrorism; sledging in sport; and naming and shaming young offenders. **Assessment: Article analysis, case studies, group work and research assignments.**

**CLOTHING and TEXTILES**

This subject extends students’ knowledge of fabrics, construction skills, using a commercial pattern and elements of design throughout history. The course also caters for those students who did not take Clothing and Textiles in Year 9. Students will learn basic practical skills such as sewing on a button and taking up a hem. **Assessment: Practical 60% and Theory 40%**

**BUSINESS and ENTERPRISE**

This is a practical-based subject in which students create and run their own small businesses. In the course of this enterprise students learn how to prepare business plans, source finance, and market and advertise their venture. This subject is largely group-based and students might be required to work after school to prepare their business. **Assessment: Case studies, practical tasks and research assignments.**

**CSI: WHYALLA (semester 2 only – this subject combines forensic science and legal studies)**

Students acquire legal knowledge and develop a range of analytical skills used by the police and forensic scientists to solve crimes and prosecute alleged offenders. In this subject students will collect evidence, conduct experiments and take part in mock trials, but it also involves some legal and scientific theory. Students will work in groups and individually. **Assessment: Practical 60% and Theory 40%**

**DRAMA**

Students learn acting skills, voice production, stage presentation, the art of script writing and gain some knowledge of famous playwrights and an overview of the history of theatre. Drama also enables students to understand the work that is necessary before a stage performance or film can take place and to develop an appreciation of theatre techniques. **Assessment: Practical 60% and Theory 40%**

**ELECTRONICS**

Students learn about basic circuitry and construct various circuits to control set procedures i.e. lights, gates, temperatures, sensors etc. Theory associated with electronic components is also included as are electrical drawing skills and current electronic issues. **Assessment: Practical 60% and Theory 40%**

**FOOD and NUTRITION**

This course introduces students to the “multicultural world of food”. Students learn to use the commercial coffee machine and produce café style items, which are marketed and sold to the wider school community. They also explore the influence other cultures have had on our food choices, with a particular focus on Asian and Italian influences. **Assessment: Practical 70% and Theory 30%**
GEOGRAPHY
Students will learn about how geography impacts people around the world. The topics studied will include Global Wellbeing and Environmental Challenges. Assessment: Tests, assignments, case studies, group work and research assignments.

GREAT AUSTRALIAN CRIMES and TRIALS (Semester 1 only)
Students examine a number of famous crimes and trials to learn about the Australian legal system. Cases examined could include Snowtown, Ivan Milat and Bradley Murdoch. This course might involve a one-day excursion to Moonta (approximate cost is $70) as part of a murder case study. This subject involves a lot of reading and writing. Assessment: Written tasks 80% and oral presentations 20%

HORRIBLE HISTORIES
Students examine some of the more gruesome aspects of history – for example, who was Jack the Ripper; which historical figures inspired Dracula; was Pol Pot Cambodia’s Hitler – and pose credible theories based on appropriate and relevant evidence. Assessment: Written tasks 80% and oral presentations 20%

INFORMATION COMMUNICATION TECHNOLOGY (ICT)
Students develop their analytical, communication and technical skills that are highly transferable to other subject areas and work environments. Topics covered include how to use current software programs, word processing, internet and email, ethics in technology, components of a PC, publisher, website design programming and graphics. Assessment: Practical 80% and Theory 20%

LANGUAGE – ITALIAN / JAPANESE
Students learn more about the language and culture of their chosen country, and learn to construct meaningful and detailed language and communicate in a variety of forms. An overnight camp is planned (approximate cost $180). Students wishing to study language at Stage 1 Continuers level must complete 2 semesters of their chosen language in Year 10. Assessment: Oral 20%, Aural 15% and Written 65%

MEDIA STUDIES
Students will examine a number of areas within the media including the rise of digital media and ethical issues such as piracy. Students are introduced to fundamental media concepts and learn how to critically analyse the media and its functions in society. Students will create their own media products using a variety of techniques. Assessment: Written assignments 60%, production task 30%, homework tasks 10%

MUSIC
This course is broken into three sections: Theory - how to arrange music. History – the history of music, including jazz and rock and roll. Practical - class band or small ensembles. Students should ideally have been undertaking private tuition or have done Year 9 Music. They are encouraged to participate in music tuition at school or privately. Assessment: Theory 30%, History 30% and Practical 40%

ROCKING INTO THE FUTURE (Semester 1 only)
Students will study the solar system, and engage in theories about the creation of life through the use of fossils. They will identify basic types of rocks, and examine contemporary issues related to mining and global warming. Assessment: Practical Reports, Investigations and Ethical Responses.

SPORT and RECREATION
This subject introduces students to extend their knowledge in the area of sport and recreation as well as apply the practical skills associated with each. The following topics are indicative of the course content: Surf camp (1 night – approximate cost is $160); sports coaching and fitness training; individual games and sports applications; healthy lifestyle & outdoor recreation. Assessment: Practical 80% and Theory 20%

TECHNOLOGY STUDIES
This elective is in the area of Wood Technology and introduces students to the design process. Developing competent and safe hand machining skills and an introduction to basic box construction will be a feature of this study, as is producing working Computer Assisted Drawings of their finished design. Assessment: Practical 70% and Theory 30%