ELECTIVES: YEAR 10 2013

AGRICULTURE

Students who successfully complete the Agriculture elective will achieve the VET Certificate I in Conservation and Land Management. This elective program opens pathways to VCE VET Certificate II in Conservation and Land Management in Years 11 and 12. Agriculture will provide students with first hand experience in the establishment and management of animals and plants which can be bred for profit in a sustainable manner. Students will be expected to help feed and care for the animals kept in the school grounds and maintain their facilities. During the semester you will learn about: issues in agriculture, methods of growing plants and keeping animals, requirements for life, agricultural industries, development and maintenance of agricultural plant systems, the biology and maintenance requirements of farm animals and the impact of the food production industry on the environment. This course has a high practical component that will require you to work at the farm and carry out all necessary tasks in this environment; you will need to be involved in all aspects of developing and maintaining a vegetable garden and the care of all livestock kept at the farm. Assessments may include field work, investigations of issues and presentations to other classes.

ART

This elective is for students who are keen to explore ideas and messages through Art and to develop their skills in preparation for VCE Art/Studio Arts. Students will continue to develop skills in the areas that were covered in the core course in Years Seven and elective course in Years Eight and Nine. Specific areas of study include: Painting, Print Making, Drawing, Sculpture, Ceramics and Mixed Media. Students will build up a folio of work as well as accompanying development work in their visual art diary. There is an emphasis on each student learning and exploring new techniques to express individual themes and ideas through the making of art.
In theory lessons students will study a range of art periods and artists to complement the themes that are explored and the materials and techniques used in the practical assignments. Students will research the work of a variety of Australian and International artists and study the influences they have had on artworks and art processes. The study of past and contemporary artists and their work practices will be assisted through relevant excursions and research trips or visiting artists.

BAHASA INDONESIA – (Full Year)

The Indonesian elective offered in Year 10 is a course intended to prepare students to undertake VCE Indonesian Units 1 and 2 in Year 11. This is a full year subject. By studying Year 10 Indonesian as a full year subject students will have the opportunity to adjust gradually to the requirements of VCE over the course of the year.

If you are wondering whether or not you should continue Indonesian you should ask yourself these two questions:
1. ‘Have I achieved good grades in Indonesian?’
2. ‘Have I liked learning another language?’
If you answer ‘yes’ to either of these questions I would encourage you to continue the language. Although Indonesian is scaled upward in VCE results, you should not choose to do this subject if scaling is your only motivation.

Indonesia is Australia’s largest close neighbour with a population of more than 200 million people. Thus, there are lots of opportunities for ‘Indonesia savvy’ people in areas such as law, engineering, diplomatic relations, business and trade, defence, tourism and education. This is especially the case for those who have a qualification in any of these areas, as well as knowledge and understanding of Indonesian language.

Proficiency in foreign languages, especially Asian languages, is also very highly regarded by many Australian universities and there are some advantages for students who have completed a VCE Second language study. Finally, language study opens up the door for cross-cultural understanding and travel
opportunities, and can be a tremendous source of personal satisfaction. People who have studied LOTE often recall the enormous sense of satisfaction they feel as they become increasingly confident speaking a second (or third) language; they also refer to other skills they have acquired such as memorisation, concentration and problem solving that have helped them in other areas of study.

It is a pre-requisite for students electing to study Indonesian in Year 10 to have passed Indonesian in Year 9. The course is designed to build upon previous learning with students moving towards greater fluency in the language.

**COMPUTER PROGRAMMING**

This course is designed for the student who has minimal programming experience, who wishes to attain a thorough grounding in programming in VB.Net. Some areas that will be incorporated into the course are:

- Introduction to the science of computer programming.
- Problem solving techniques, including algorithm design (N-S Diagrams)
- Good Programming practice, conventions and formats

On completion of this unit students will be able to write well structured programs of moderate complexity. Students will be able to compile programs and have a sound understanding of computer programming principles, including control structures, variables and constants, IF statements and the Visual Basic language. Students will create fully functioning computer programs that can operate in a Windows environment.

**COMPUTER AIDED DESIGN (CAD)**

This course is recommended for creative students interested in selecting VCE courses such as Product Design and Technology and/or Visual Communication and Design in the future. This elective offers students a unique opportunity to gain the necessary skills to use Solidworks 3D CAD software, to design, model and create realistic renderings of everyday products. The focus of this course is on designing and creating parts, assemblies and fully dimensioned and annotated working drawings. The focus of the CAD course is on the design process, ergonomics, real-life use of CAD and manufacturing, and environmental considerations within design. Students will explore the many functions within Solidworks which allow for easy manipulation of models. Students can also view models as animations, place them in virtual environments or finally construct them using rapid prototyping technology.

**COMMERCE (The World of Business)**

This elective will provide you with the skills necessary to understand how successful small businesses operate, and the factors in the economy that contribute to their success or failure. You will gain an understanding of the world of commerce by investigating a range of practical case studies. This course also looks at developing your awareness of personal finance. Students gain an understanding of the basic concepts relating to Accounting, Business Management and Legal studies. Those who do not intend to pursue these subjects in Year 11 will at least gain an understanding of how the business world operates.

**PRODUCT DESIGN**

This elective provides students with a great opportunity to develop their creativity, problem solving techniques and practical skills. They investigate, design, produce and evaluate their work according to a Design Brief. This involves understanding design specifications, investigating and developing design options, materials selection and making informed choices regarding style, joining methods and finish. Students learn about sequence and the processes involved in the development of the final product. These include both informal freehand sketches and a working drawing which will include detailed dimensions and annotations. The course also covers the properties of materials, relevant ergonomics and aesthetics. All students produce a cutting list and a costing list is created by students who choose to use a more exotic timber in their product. Emphasis is given to creative design, construction techniques and the safe use of a range of simple and more sophisticated hand and portable power tools. Broader issues of technology are also investigated, including its importance in our everyday lives and impact on society and the natural environment.

**DRAMA - ACTOR’S WORKSHOP (SEMESTER ONE)**

This elective will allow you to develop your acting skills with an emphasis on characterisation and the development of verbal and non-verbal communication skills.
TERM 1 - Into Character
Students will work on the development of verbal and non verbal communication skills and techniques to enhance their characterisations. They will use a series of scenarios and techniques to develop three dimensional characters across a variety of theatre styles.

TERM 2 - Performance
Students will put their acting skills to the test through the development and implementation of both group and solo performances.

***If you choose the Drama Elective you are required to provide and wear Drama Blacks

DRAMA - THEATRECRAFT (SEMESTER ONE)

This elective will allow you to develop your skills in theatre stagecraft (theatrecraft). You will explore in detail a variety of theatrecraft including lighting, sound, hair, make up, set design, stage management, properties and costumes.

TERM 1 - Skills
Students will develop a range of skills in a variety of theatrecraft, including lighting, sound, hair, make up, set design, stage management, properties and costumes. Each student will nominate two theatrecraft in which they will become an ‘expert’.

TERM 2 - Into Practice
Students will put their skills into practice through the planning and implementation of a specific theatrecraft within one or more performance pieces.

***If you choose the theatrecraft elective you are required to provide and wear Protective work toe shoes.

THEATRE STUDIES (SEMESTER 2)

This elective will involve the amalgamation of skills learnt in both the Actors Workshop and Theatrecraft classes. This subject serves as an excellent introduction to the Theatre Studies subject so students can assess the viability of taking this subject in VCE.

TERM 1 - Theatre Styles
Students will learn about the history of theatre and the different forms it has taken over the years. They will then implement these skills through a series of mini performances.

TERM 2 - Stagecraft and the Production Process
Students will gain both a theoretical and practical understanding of a variety of stagecraft. This will then be applied through a series of scripts as students implement the Production process, in the development and performance of both group and solo pieces.

***If you choose the Drama Elective you are required to provide and wear Drama Blacks and will be required to participate in the senior play**

ENVIRONMENTAL SCIENCE

This elective will enable you to make a real change to the environment you live in. Learn about the major threats the planet faces. What solutions are there and how realistic are they? Work on your local environment to make it a better place to live. Improve biodiversity within the school by planting indigenous trees in the science garden. Work with students in the primary school to help educate them about the environment. Environmental Science is a hands-on course which allows students to choose what it is they would like to learn about and then gives them an opportunity to share this information with their peers and other students within the college.

INFORMATION TECHNOLOGY

This course is designed to enable students to analyse information problems and create solutions using technology. In doing so, students use a wide range of equipment (hardware and software), techniques and procedures for processing and communicating information so that they can develop and produce solutions to meet specific needs. The course is designed for students to develop their skills in preparation for VCE Information Technology. During the semester, there are three main areas of study. The focus will be on using Microsoft Access, a database application. The second area of study will use Macromedia Dreamweaver to create a website on data security and the third area concentrates on spreadsheet application, MS Excel. There is a small theory component attached to the course, and in these lessons students will discover the composition of an information system and the meaning of the Information Processing Cycle.
MEDIA

The Year 10 Media elective aims to develop and deepen student understanding of different media forms and designing, planning and the process of producing media products. We will also study genre, how the narrative structure works, visual composition, camera angles and editing to tell a story and apply it to our own short film productions. You will learn about the different jobs in the film industry, production techniques such as lighting and capturing sound, more involved post-production using Final Cut X and creating atmospheric sound tracks to enhance our own productions. Finally as introduction to VCE Media we will look at media usage, representation and the media’s role within society past, present and into the future. The projects will be created using the HD cameras and Apple Mac computer suite in the Media Room.

MUSIC

Year 10 students may elect to take Music for a single semester or for the whole year. The curriculum for each semester will be distinct and differentiated by the inclusion of separate aspects of the VET Certificate II in Music Performance. Students are able to choose either semester’s course as a stand-alone elective; however, students wishing to obtain the Certificate II in Music Performance must select Music in both semesters of their elective program. This course opens pathways to VCE VET Certificate III studies in Music Performance and / or Technical Production in Years 11 and 12.

The two semester-length courses are as follows:

Semester 1 – “Music and Me” This course develops intellectual, aesthetic and cultural understanding of music in solo and group settings. Students learn about and apply musicianship as they create, interpret and analyse music in a range of styles. They research and apply relevant performance skills, theory of music and socio-cultural influences on the music studied. In composition tasks students develop their theoretical understanding of the components of music and stylistic conventions. They will develop their aural perception and analytical skills through listening and responding to live performances and recorded works.

Semester 2 – “The Big Gig” This course will culminate in a concert which will be staged in Term 4. As soloists and members of groups, students will develop skills in preparing programs of works for their performance at this concert. They will learn about and apply musicianship as they create, interpret and analyse music in a range of styles. They will learn about Occupational Health and Safety process that are relevant to concert performance and expand their knowledge of the music industry.

All elective Music students are expected to be currently enrolled in a course of private instrumental tuition, and to participate in an official College Music Ensemble. By undertaking Year 10 Music, students are agreeing to abide by these conditions.

PHOTOGRAPHY

In this course students will learn how to create artistic black and white and colour photographs using the school’s digital cameras. Students will learn the art of composing a photograph and learn to use the various functions of the camera to produce photographs that capture a range of themes, moods and effects. Digital manipulation of photographs will be explored using Adobe Photoshop. The theory component of the course will involve a study of some of the world’s master photographers. Students will also be required to complete two major assignments as well as class work over the Semester. An excursion outside of the college to a place of interest will occur so that students can gain experience with preparing for a photo shoot. Year 10 Photography can lead to further studies at Year 11 in Art or Design subjects.

VISUAL COMMUNICATION AND DESIGN

The Year 10 Visual Communication and Design course aims to prepare students for the VCE. Students are taught to draw using freehand and technical drawing systems (e.g. paraline and perspective drawing). Students will be set a number of design briefs for which they must produce a creative and most suitable solution. Throughout the design process students learn to apply different design approaches and media in their own work.

Projects include instrumental drawing, product design, computer enhanced imagery, packaging or model making and symbology. Students complete a folio of work including development work in their visual diary. Various aspects of theory such as the use of design elements, principles and the design process will be taught in this subject. Students will research various product, information and environmental designs. Technology will be integrated into the subject with the use of computer software programs such as Adobe
Photoshop and Illustrator. Viewing videos, and attending relevant excursions or presentations by visiting artists may occur to complement the study of visual communication.