

YEAR 9/10 ELECTIVES HANDBOOK

In Year 9 and 10 all students will study the following subjects:

- **English**
- **Mathematics**
- **Science**
- **Humanities and Social Sciences (HaSS)**
- **Health and Physical Education**

In addition to these subjects each student is required to complete a total of four elective semester units (two each semester). All units studied, both core and elective, in years 9 & 10, are recorded on the student's Year 10 Certificate.

TIPS FOR CHOOSING ELECTIVES

- Consider your interests and talents
- Consider the vocational skills and life-skills you wish to achieve
- Consider continuing in a course for the whole year for depth of understanding and skill development
- Consider choosing courses from different key learning areas for variety and a broader experience
- Consider the cost*

* Please note the assessment and cost information in this booklet is only a guide and there may be changes.

Students selecting Concert Band, French or Indonesian make a commitment to continue in that course for the full year. Some subjects can only be studied once whilst others may be selected for either one or both semesters. Some are standalone subjects, whilst others are sequential. Students are asked to carefully read the elective booklet in order to choose subjects in correct sequence.

FIRST STAGE OF SELECTIONS Students will rank electives in order of preference. From this we will form a timetable based on the combinations of elective units students wish to study. It is vital that careful choices are made at this time to develop a timetable from which students have the best possible range of choices.

SECOND STAGE OF SELECTIONS Students will be given three groups, one for each possible elective line. The groupings will let the students know which electives will be available on each of these lines. Eventually they will have two electives and one PE class on these three lines.

If students select carefully in both rounds, this process will provide better options for all students. Preference will be given to students who complete both forms punctually and correctly. If students select carefully in both rounds, this process will provide better options for all students.

The School Board sets a financial contribution for each elective to cover the costs of consumables. These range from \$15 to \$900 per semester. In addition, some electives run optional enrichment activities (for

example, camps and excursions) and may encourage the purchase of optional items.

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Students and parents can find additional information about electives and courses on the faculty pages of [Lenni](#).

STUDENT WELLBEING

PEER SUPPORT

SEMESTER 1 ONLY (YEAR 10 ONLY) COST: APPROX. \$280 FOR YEAR 7 CAMP (or replacement activity) and \$20 for Term 4 training day PREREQUISITES: COMPLETION OF YEAR 9 BIG DAY IN

CLASS CAPACITY: 30

All students are invited to complete an application form to be Peer Support Leaders. There will be up to 32 students in the Peer Support class.

Students who successfully apply for this course will be expected to be caring, positive and responsible role models to Year 7. Students are expected to work effectively with all other Peer Support Leaders as part of the Peer Support Team. It is also required that all Peer Support Leaders attend Year 7 Home Group twice a week and do so consistently and as a support to the Home Group teacher. Alongside regular Home Group sessions the class runs the first day for Year 7 and 5 sessions to support the Year 7's in their transition during Semester 1.

Students will have two training days in Term 4 Week 7 or 8 2021 to plan for the first day of Year 7 students in 2022. These are compulsory days for all Peer Support Leaders.

ASSESSMENT

- Strengths inventory and review
- Mind map exercises
- Self-reflection journal
- Group/team participation
- Facilitation

Assessment is based on the development of the skills of planning, reflecting, facilitating, teamwork and identification and use of strengths.

EXCURSIONS Peer Support Leaders are invited to attend the Year 7 camp in Term 1. Given current COVID 19 restrictions we may have alternate activities on offer involving team building and problem solving. These are valuable opportunities to build connections with the Year 7s.

Please note: Peer Support sessions with Year 7 take precedence over SEAL training sessions. Students may miss one SEAL session per term.

AUSTRALIAN CURRICULUM MAPPING School-based subject

LANGUAGES

9 FRENCH I & II

FULL YEAR COURSE (YEAR 9 ONLY) **COST: \$15 PER SEMESTER PREREQUISITES: YEAR 8 FRENCH OR EQUIVALENT**

CLASS CAPACITY: 30

Students will further develop their spoken and written communication skills, as well as their understanding of France and French culture, through film, music, and current material accessible on the Internet. These resources will help to further consolidate their learning and enhance students' understanding. In their intercultural assignments, students will study French history and the different regions of France. These studies will give students a deeper understanding of French culture. Students will be encouraged to work towards using French as their main form of communication in class. There is the possibility of an overseas study tour every third year. Students must be studying the language at the time of the trip to be eligible to participate. Please note that students must commit to a full-year of study.

ASSESSMENT

- Reading
- Writing
- Listening
- Speaking
- Intercultural Understanding
- Class tasks and participation

OPTIONAL ENRICHMENT ACTIVITIES Excursions to venues related to France and French culture are organised during the year. These activities may incur additional costs.

RECOMMENDED TEXTS

- Education Perfect Subscription (Online Language Website)

AUSTRALIAN CURRICULUM MAPPING French – entry level

10 FRENCH I & II

FULL YEAR COURSE (YEAR 10 ONLY) **COST: \$15 PER SEMESTER PREREQUISITES: YEAR 9 FRENCH OR EQUIVALENT**

CLASS CAPACITY: 30

Students will further develop their fluency and written communication skills in French. Students will have direct access to target language sources through written texts, film and music. The use of these resources will help to consolidate their learning and further enhance their understanding of France and the French-speaking world. Students will also further their intercultural knowledge through in-depth studies of aspects of French cuisine and assignments such as the creation of a travel handbook to different tourist venues. Students will be encouraged to work towards using French as their main form of communication in class. Please note that students must commit to a full-year of study.

There is the possibility of an overseas study tour every third year. Students must be studying the language at the time of the trip to be eligible to participate.

ASSESSMENT

- Reading
- Writing
- Listening
- Speaking
- Intercultural Understanding
- Class tasks and participation

OPTIONAL ENRICHMENT ACTIVITIES Excursions to venues related to France and French culture are organised during the year. These activities may incur additional costs.

RECOMMENDED TEXTS

- Education Perfect Subscription (Online Language Website)

AUSTRALIAN CURRICULUM MAPPING French – entry level

9 INDONESIAN I & II

FULL YEAR COURSE (YEAR 9 ONLY) **COST: \$15 PER SEMESTER PREREQUISITES: YEAR 8 INDONESIAN OR EQUIVALENT**

CLASS CAPACITY: 30

In this course students will further develop their Indonesian communication skills and intercultural understanding. Students will advance their listening, speaking, reading and writing skills through targeted activities using culturally relevant and authentic resources. There is the possibility of an overseas study

tour every third year. Students must be studying the language at the time of the trip to be eligible to participate. Please note that students must commit to a full-year of study.

ASSESSMENT

- Reading
- Writing
- Reflections
- Class tasks and participation

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities, which incur additional costs.

- Education Perfect Subscription (Online Language Website)

RECOMMENDED TEXTS

AUSTRALIAN CURRICULUM MAPPING Indonesian – entry level

- Listening
- Speaking

10 INDONESIAN I & II

FULL YEAR COURSE (YEAR 10 ONLY) **COST: \$15 PER SEMESTER** **PREREQUISITES: YEAR 9 INDONESIAN OR EQUIVALENT**

CLASS CAPACITY: 30

In this course students will further develop their Indonesian communication skills and intercultural understanding. Students will advance their listening, speaking, reading and writing skills through targeted activities using culturally relevant and authentic resources.

There is the possibility of an overseas study tour every third year. Students must be studying the language at the time of the trip to be eligible to participate. Please note that students must commit to a full-year of study.

ASSESSMENT

- Reading
- Writing
- Listening
- Speaking
- Reflections
- Class tasks and participation

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities, which incur additional costs.

RECOMMENDED TEXTS

- Education Perfect Subscription (Online Language Website)

AUSTRALIAN CURRICULUM MAPPING Indonesian – entry level

THE ARTS

CONCERT BAND

TWO YEAR COURSE - STUDENTS MUST ELECT BAND FOR FOUR SEMESTERS COST: \$140 PER YEAR; INSTRUMENT HIRE \$150 PER YEAR (WHERE APPLICABLE)

PREREQUISITES: YEAR 8 CONCERT BAND

CLASS CAPACITY: 150

Concert Band provides the opportunity for students to develop their practical musical skills on their chosen instrument. The students will discover the advantages of working efficiently and cooperatively as a team, and the excitement of public performance. The repertoire is diverse and challenging and includes a wide variety of serious and entertainment pieces. Students will also study theory and musicianship appropriate to the course of study.

A number of performances will be conducted each year which include:

- Australian National Eisteddfod (term 2)
- School functions (assemblies, Faculty Concerts, Open Night)
- Community performances
- Floriade (term 3)
- Major performance tours: Year 9 Melbourne (term 3) & Year 10 Queensland (term 3)

ASSESSMENT

- Performance
- Video performance task
- Musicianship, including theory and context

OPTIONAL ENRICHMENT ACTIVITIES: \$800 approx. Melbourne Performance Tour (Year 9) \$800 approx. Queensland Performance Tour (Year 10)

AUSTRALIAN CURRICULUM MAPPING School-based subject/The Arts – Music

PERFORMANCE MUSIC

SEMESTER COURSE - STUDENTS MAY ELECT THIS COURSE IN ONE OR MORE SEMESTERS

COST: \$30 PER SEMESTER PREREQUISITES: NONE

CLASS CAPACITY: 30

Students may elect this course in either one or more semesters of 2022 and 2023. The individualised content in Performance Music provides students with opportunities to perform in a variety of small instrumental groups, to sing, to specialise on their principal instrument as a soloist and to play instruments such as strings, guitar, drums and piano. For many students this is an opportunity to perform in a rock band, while others may choose another genre such as jazz or classical. Students in this course prepare three assessable performances per semester. Students who are participating in the course for the second or subsequent time will be expected to demonstrate an increased understanding of the concepts presented, according to the number of times they have chosen this course. Specific content is tailored to suit individuals within the class and varies between semesters according to the skills and requirements of the students.

Students wishing to play in the musical production band should elect to do Performance Music on the same line as the musical production class as well as speak with the executive teacher in charge of the musical about the required instrumentation as this can vary from shows in previous years.

Performance Music provides students with the opportunity to:

- Develop basic vocal, keyboard, guitar, percussion, electronic and computer music skills as a beginner
- Develop existing skills for those with musical experience
- More advanced students may use some of the available time for private practice.
- Play a wide variety of musical styles
- Perform individually or in a rock band or a classical ensemble setting
- Perform for others in class, at school assemblies and at lunchtime
- Learn theory, aural and composition skills.
- Explore periods of musical history relevant to the performance repertoire.

Keyboards, acoustic, electric and bass guitars, amplifiers, drum kits, iPads and computers with music software will be available for use in these classes. All other instruments and accessories, including guitar leads and drum sticks must be supplied by the student.

SEMESTER 1 2022 **PERFORMANCE MUSIC – BAND BASICS**

Students in years 9 and 10 may elect to participate in this course in Semester 1, 2022. It will address the general aspects of the Performance Music course outlined above. The styles of music covered will be Australian music, rap and hip-hop, plus an own-choice genre. Students will form their bands and ensembles then develop the art of group or individual performance. They will be given the opportunity to perform at school events, including the running festival, assemblies and lunchtime concerts.

SEMESTER 2 2022 **PERFORMANCE MUSIC – GIG PRACTICE**

Students in years 9 and 10 may elect to participate in this course in Semester 2, 2022. It will address the

general aspects of the Performance Music course outlined above. The styles of music covered will be folk music, film music, plus an own-choice genre. Students will be given the opportunity to prepare for public performances at events such as community gigs, assemblies and lunchtime concerts.

SEMESTER 1 2023 **PERFORMANCE MUSIC – MUSIC STUDIO**

Students in years 9 and 10 may elect to participate in this course in Semester 1, 2023. It will address the general aspects of the Performance Music course outlined above. Students will explore how to get started in the music industry. They will be given the opportunity to perform at school events, including the running festival, assemblies and lunchtime concerts.

SEMESTER 2 2023 **PERFORMANCE MUSIC – LIVE WORKSHOP**

Students in years 9 and 10 may elect to participate in this course in Semester 2, 2023. This course will address the general aspects of the Performance Music course outlined above. The styles of music covered will be here, there and everywhere (world music); Australian contemporary music; jazz, funk and fusion; EDM and house music; plus an own-choice genre. Students will explore how to develop the confidence and skills to perform in public. Students will be given the opportunity to prepare for public performances at events such as community gigs, assemblies and lunchtime concerts.

ASSESSMENT

- Performance
- Musicianship, composition and context

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs.

AUSTRALIAN CURRICULUM MAPPING The Arts

MUSICAL PRODUCTION

SEMESTER 1 ONLY **COST: \$35 PER SEMESTER, \$220 APPROX. PRODUCTION CAMP, COSTUME TO BE SUPPLIED BY STUDENT PREREQUISITES: NONE**

CLASS CAPACITY: 90

This class is for students who would like to be involved in the school musical production. In addition to rehearsing during class time, students will be expected to attend after school rehearsals and a production camp that will be held in March. After school rehearsals are held on Tuesday and Thursday. The show will be performed in week 9 of Term 2. Students will be expected to attend all performances as part of their assessment. This course provides students with the opportunity to be involved with and develop their skills in a full-scale piece of live musical theatre. Students who would like to be involved in the production, in lead roles or as part of the chorus will need to elect to be in this class. Students will be involved in rehearsals throughout the semester course, leading to the production dates.

There will be a strong focus on:

- Rehearsal and performance techniques

- Developing their own personal drama, dance and musical skills
- Active and positive participation
- Group building and development of cast

ASSESSMENT

- Performance
- Reflection
- Context

AUSTRALIAN CURRICULUM MAPPING School-based subject/The Arts – Drama, Music,

Dance

PRODUCTION MASTERCLASS

SEMESTER 2 ONLY COST: \$35 PER SEMESTER PREREQUISITES: NONE

CLASS CAPACITY: 60

This course is for students who would like to be involved in developing their musical theatre skills and creative processes. Students will be involved in producing a variety show that will be performed in LPAC. Students create musical, theatrical and dancing segments for the show. Students can be involved in the segments by being a performer, director, choreographer or musical director.

There will be a strong focus on:

- Rehearsal and performance techniques
- Developing personal drama, dance and musical skills
- Leadership and the understanding of leadership roles in theatre such as direction, musical direction and choreography
- Active and positive participation
- Team building, development of cast

ASSESSMENT

- Performance
- Reflection
- Context

AUSTRALIAN CURRICULUM MAPPING School-based subject/The Arts – Dance, Drama,

Music

DRAMA

EITHER OR BOTH SEMESTERS (YEAR 9 & 10) **COST: \$35 PER SEMESTER**

PREREQUISITES: NONE CLASS CAPACITY: 30

These courses are designed to develop the students' understanding of the nature and function of drama, dramatic forms and styles. Through the enactment of real and imagined events and the development of production pieces, students will be challenged to make meaning of their world. There is a strong focus upon active and positive participation in class and group activities and, wherever appropriate, students will be encouraged to develop and take responsibility for their own projects. All students are required to keep a journal in order to reflect upon their learning.

SEMESTER 1 2022 **DRAMA – ACTING FOR STAGE**

This practical senior course is designed for students to develop skills that enable them to become a proficient stage actor. They will develop skills that include, but are not limited to, role-play, movement and voice, and relationships. Students who are participating in Drama courses for the second or subsequent times will be expected to demonstrate an increased understanding of the concepts presented, according to the number of times they have chosen these courses. Specific content is tailored to suit individuals within the class and varies between semesters according to the skills and requirements of the students.

SEMESTER 2 2022 **DRAMA – THEATRE SKILLS**

This practical senior course is designed for students to develop skills that enable them to become a proficient actor in the theatre. They will develop skills that include, but are not limited to, dialogue, setting, and acting techniques. Students who are participating in Drama courses for the second or subsequent times will be expected to demonstrate an increased understanding of the concepts presented, according to the number of times they have chosen these courses. Specific content is tailored to suit individuals within the class and varies between semesters according to the skills and requirements of the students.

SEMESTER 1 2023 **DRAMA – DIRECTING AND STAGING**

This practical senior course is designed for students to develop skills that enable them to become proficient in the directing and staging of a production in the theatre. They will develop skills that include, but are not limited to, directing, playwriting, and elements of acting. Students who are participating in Drama courses for the second or subsequent times will be expected to demonstrate an increased understanding of the concepts presented, according to the number of times they have chosen these courses. Specific content is tailored to suit individuals within the class and varies between semesters according to the skills and requirements of the students.

SEMESTER 2 2023 **DRAMA – STAGECRAFT**

This practical senior course is designed for students to develop skills that enable them to become proficient in developing and acting in a production. They will develop skills that include, but are not limited to, technical theatre, dialogue, and acting techniques. Students who are participating in Drama courses for the second or subsequent times will be expected to demonstrate an increased understanding of the concepts presented, according to the number of times they have chosen these courses. Specific content

is tailored to suit individuals within the class and varies between semesters according to the skills and requirements of the students.

ASSESSMENT

- Class activities
- Major performance items
- Research assignments

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs.

AUSTRALIAN CURRICULUM MAPPING The Arts – Drama

VISUAL ART

EITHER OR BOTH SEMESTERS (YEAR 9 & 10) COST: \$40 PER SEMESTER Plus Art Material Kit
PREREQUISITES: NONE

CLASS CAPACITY:30

Each individual Visual Art course will allow students opportunities to develop their technical skills, increase individual confidence and discover an enjoyment of various mediums while allowing each student the ability to express themselves creatively. Students are encouraged to take these courses regardless of artistic abilities and interests. Students with a particular interest in Visual Art are encouraged to participate in both Semester 1 and 2 courses in Year 9 and 10. For Year 10 students these courses are particularly relevant in preparing for college.

Each student will learn to creatively select and expand their own ideas to produce individual artworks in the form of observation and imagination drawing, canvas painting, ceramics (hand building, surface decoration, slab/coil construction), drypoint etching and collagraph printing, mixed-media and sculpture. Emphasis is placed on students presenting and displaying their work for an audience.

SEMESTER 1 2022 **ART WORKSHOP – SELF-IDENTITY AND POPULAR CULTURE**

This practical course offers senior students the opportunity to create both two-dimensional and three-dimensional art forms through the investigation of self-identity and popular culture. Importance is placed on developing technical skills in both creative and realistic drawing and/or painting. Students may investigate the style of Pop Art and artists' works.

SEMESTER 2 2022 **ART WORKSHOP – FANTASY VS REALITY**

Students will explore new art concepts, themes, materials and technical skills through a range of different practical tasks. This practical course offers senior students the opportunity to create both two-dimensional and three-dimensional art forms through the investigation of fantasy and realism in art. Importance is placed on developing technical skills in both creative and realistic drawing and/or painting. Students may investigate a range of different art styles and relevant artists.

SEMESTER 1 2023 **ART STUDIO – MAKING CONNECTIONS**

This practical senior course is designed to introduce students to exciting ‘contemporary’ art forms that are created deliberately to make a connection with its audience. Students will develop confidence and technical skills in a broad range of traditional and contemporary art methods such as painting, drawing, printing, ceramics etc. Possible projects: painted found objects, illustration work, creative and observational drawing, watercolour, large canvas painting, artworks outside, sculptural ceramic work, mixed media,

SEMESTER 2 2023 **ART STUDIO – NEW EXPERIENCES**

This course is designed to introduce students to ‘new’ or ‘contemporary’ experiences in artistic expression while still developing technical skills and confidence in a broad range of traditional art methods such as painting, drawing, printing, ceramics etc. Each student will work towards major works for an exhibition. Possible projects: creative and observational drawing, poster design, large scale sculptural work, contemporary painting techniques, illustration and design work, installation group projects.

ASSESSMENT

- Theory
- Practical
- Visual Diary

OPTIONAL ENRICHMENT ACTIVITIES Excursions to Local Galleries

AUSTRALIAN CURRICULUM MAPPING The Arts – Visual Arts

CERAMICS

EITHER OR BOTH SEMESTERS (YEAR 9 & 10) COST: \$40 PER SEMESTER \$200 APPROX: ART CAMP

PREREQUISITES: NONE CLASS CAPACITY: 30

Students will investigate concepts such as form, texture and construction and look at traditional and contemporary ceramic artists for inspiration in the creation of their own works. Emphasis is placed on skill development and personal creativity and students will be given greater scope to develop their own ideas in their work.

SEMESTER 1 2022 **CERAMICS - FUNCTIONAL CERAMICS**

Depending on class size students undertake wheel work and hand building vessels that are usable, from mugs to tea pots. Students will look at contemporary ceramic artists' work and use this as inspiration for their own designs. They will explore different functional handbuilding techniques from folded slab pots to moulds. Emphasis will be on functionality and design.

SEMESTER 2 2022 CERAMICS - CREATIVE CERAMICS

This is a practical course designed for students who like to create with their hands and display a particular interest in the medium of ceramics and sculpture. Students will study Ceramics as an art form. There will be an emphasis on sculptural forms but other tasks may include mono printing, burnishing and sawdust firing.

SEMESTER 1 2023 CERAMICS - EXPLORING CERAMICS

This is a practical course designed for students who like to create with their hands and display a particular interest in the medium of ceramics. Students are introduced to a wide variety of traditional and contemporary ceramic techniques which may include pinching, coiling, slab construction, hand building and modelling and glaze application. Students investigate concepts such as form, texture and construction and look at traditional and contemporary ceramic artists for inspiration in the creation of their own works. Emphasis is placed on skill development and personal creativity and students will be given greater scope to develop their own ideas in their work.

SEMESTER 2 2023 CERAMICS - DECORATIVE CERAMICS

Students will explore different styles and mediums of decoration on ceramic forms. They learn new techniques of decoration which may include incising, embossing, carving, stencilling, burnishing and neriage. Students will also be looking at developing their ceramic technical skills in the areas of pinching, coiling, slab building and mould work.

ASSESSMENT

- Practical
- Class work
- Assignment

OPTIONAL ENRICHMENT ACTIVITIES Excursions to Local Galleries

AUSTRALIAN CURRICULUM MAPPING The Arts – Visual Arts

DIGITAL PHOTOGRAPHY

EITHER OR BOTH SEMESTERS (YEAR 9 & 10) **COST: \$55 PER SEMESTER \$200 APPROX: ART CAMP**

PREREQUISITES: NONE Digital Photography has 4 units over the 2 years of Year 9 and 10. Each unit is stand alone to give students the option of doing any number of units over the 2 units without repeating a unit.

CLASS CAPACITY: 28

These courses introduce students to the concepts and processes used in digital photography and graphic design. Students produce practical project work to demonstrate their understanding of the concepts, as

well as some written assignments. Each unit is a stand-alone unit with many of the key concepts revised.

The following areas will be covered: Visual concepts, the digital camera, Photographic composition, Studies of contemporary artists, Photoshop, experimentation with the photographic image and lighting.

SEMESTER 1 2022 **DIGITAL PHOTOGRAPHY - LIGHTS, ACTION, SHOOT**

In this unit we will look at Photojournalism, Lighting and digital manipulation using Photoshop. This course develops the concepts and processes used in digital photography and graphic design. This unit will allow students to work with techniques and ideas and yet produce original images through experimentation with the use of digital cameras and Photoshop.

- How to use lighting in a variety of ways
- Photojournalism
- Digital manipulation
- Photoshop
- Individual and small group projects
- Compilation of a portfolio of student work

SEMESTER 2 2022 **DIGITAL PHOTOGRAPHY - ART PHOTOGRAPHY**

In this unit we will look at Manipulation of the photographic image, lighting and digital manipulation using Photoshop. This course develops the concepts and processes used in digital photography and graphic design. This unit will allow students to work with techniques and ideas and yet produce original images through experimentation with the use of digital cameras and Photoshop and other media.

- How the boundaries of Art and Photography meld together
- Alternative styles of photography
- Digital manipulation using Photoshop
- Analyse contemporary images
- Create visual imagery using digital technologies in a computer lab, digital cameras and computer software.

SEMESTER 1 2023 **DIGITAL PHOTOGRAPHY - EXPLORING PHOTOGRAPHY**

In this unit we will look at photography and its many uses. This course develops the concepts and processes used in traditional and digital photography. This unit will allow students to work with techniques and ideas and yet produce original images through experimentation with the use of digital cameras and Photoshop.

- Exploration of Photography
- Photographic techniques
- Digital manipulation
- Photoshop
- Individual and small group projects
- Compilation of a portfolio of student work

SEMESTER 2 2023 **DIGITAL PHOTOGRAPHY - TRICKS OF THE TRADE**

In this unit we will look at how professional photographers explore using photography. This course develops the concepts and processes used in digital photography within the media. This unit will allow students to work with techniques and ideas and yet produce original images through experimentation with the use of digital cameras and Photoshop..

- How the boundaries of media and Photography meld together
- Alternative uses of photography
- Digital manipulation using Photoshop
- Analyse contemporary images
- Create visual imagery using digital technologies in a computer lab, digital cameras and computer software.

ASSESSMENT

- Practical work
- Class participation
- Assignments

OPTIONAL ENRICHMENT ACTIVITIES Excursions to Local Galleries

AUSTRALIAN CURRICULUM MAPPING The Arts – Media Arts

MEDIA

EITHER OR BOTH SEMESTERS (YEAR 9 & 10) COST: \$55 PER SEMESTER PREREQUISITES: NONE

CLASS CAPACITY: 28

In Journalism/Media, students may elect to participate in either or both semesters. Due to the individualised content of this course students may elect it in up to three semesters. Students may elect to study one or all of the courses but cannot repeat any individual course once a grade has been awarded.

SEMESTER 1 2022 **MEDIA- MOVING IMAGES**

In this unit of Media we look at Moving Images and how we produce and manipulate film. This course develops the concepts and processes used in media using a variety of digital programs. This unit will allow students to work with techniques and ideas and produce original products. Specific content is tailored to suit individuals within the class and varies between semesters according to the skills and requirements of the students.

- advertising and its influence on public perceptions and consumerism
- montage and the ability to create meaning by juxtaposing graphic images
- production techniques used in a narrative video
- cinematic films and their influence on social behavior
- the production of short video films that allow students to demonstrate their skills development in filming

and digital editing techniques

- the production of a major media product of their own choice in one of the categories of audio, audio-visual, photographic or print media
- develop an initial concept for a media product and bring that concept to fruition

SEMESTER 2 2022 **MEDIA - MAKING PICTURES**

In this unit of Media we look at exploration of using visual imagery and how we produce and manipulate it. This course develops the concepts and processes used in media using a variety of digital programs. This unit will allow students to work with techniques and ideas and produce original products. Specific content is tailored to suit individuals within the class and varies between semesters according to the skills and requirements of the students.

- Graphic design and design concepts in media and journalism
- advertising and its influence on public perceptions and consumerism
- montage and the ability to create meaning by juxtaposing graphic images
- production techniques used in a narrative video
- cinematic films and their influence on social behavior
- the production of short video films that allow students to demonstrate their skills development in filming and digital editing techniques
- the production of a major media product of their own choice in one of the categories of audio, audio-visual, photographic or print media
- develop an initial concept for a media product and bring that concept to

fruition **ASSESSMENT**

- Practical work
- Class participation
- Assignments

SEMESTER 1 2023 **MEDIA - MOVIES**

In this unit of Media we look at Movies and Popular Culture how we can work in this area. This course develops the concepts and processes used in Movies using a variety of digital programs. This unit will allow students to work with techniques and ideas and produce original products. Specific content is tailored to suit individuals within the class and varies between semesters according to the skills and requirements of the students.

- Graphic design and design concepts in media and journalism
- advertising and its influence on public perceptions and consumerism
- montage and the ability to create meaning by juxtaposing graphic images
- production techniques used in a narrative video
- cinematic films and their influence on social behavior
- the production of short video films that allow students to demonstrate their skills development in filming and digital editing techniques
- the production of a major media product of their own choice in one of the categories of audio, audio-visual, photographic or print media

- develop an initial concept for a media product and bring that concept to fruition

SEMESTER 2 2023 **MEDIA - EXPLORING STORY TELLING**

In this unit of Media we look at Story Telling using film and how we produce and manipulate ideas. This course develops the concepts and processes when telling stories using a variety of digital programs. This unit will allow students to work with techniques and ideas and produce original products. Specific content is tailored to suit individuals within the class and varies between semesters according to the skills and requirements of the students.

- Graphic design and design concepts in media and journalism
- advertising and its influence on public perceptions and consumerism
- montage and the ability to create meaning by juxtaposing graphic images
- production techniques used in a narrative video
- cinematic films and their influence on social behavior
- the production of short video films that allow students to demonstrate their skills development in filming and digital editing techniques
- the production of a major media product of their own choice in one of the categories of audio, audio-visual, photographic or print media
- develop an initial concept for a media product and bring that concept to fruition

ASSESSMENT

- Practical work

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs.

AUSTRALIAN CURRICULUM MAPPING The Arts – Media Arts

10 SCHOOL MAGAZINE

SEMESTER 2 (YEAR 10 ONLY) **COST: \$55 PER SEMESTER PREREQUISITES: NONE**

CLASS CAPACITY: 30

This course offers students the opportunity to become involved in the preparation of the School Magazine. Students will be expected to participate as part of a team. Students also look at writing and desktop publishing.

ASSESSMENT

- Class work
- Creation of items for the magazine
- Reflective practices

HEALTH & PHYSICAL EDUCATION

9 PRINCIPLES OF SPORT EDUCATION

SEMESTER 1 (YEAR 9 ONLY) COST: \$20 PER SEMESTER PREREQUISITES:

NONE CLASS CAPACITY: 30

This program provides students with the fundamentals of coaching and athletic performance.

The students will be introduced to the principles involved in the following areas:

- Sports safety
- Group management
- Communication
- Teaching sport skills to different populations
- Roles & responsibilities of a coach
- Planning, implementing & reviewing coaching sessions
- All Ability Sports

As part of this elective program, students will gain hands-on coaching experience at weekly sessions conducted with network Primary Schools and also assist at a variety of sporting activities such as swimming and athletics carnivals for network Primary Schools. Students will also complete coursework to receive a Certificate in Community Coaching General Principles.

ASSESSMENT

- Sports Coaching
- Practical activities
- Assignment

OPTIONAL ENRICHMENT ACTIVITY This elective may have optional enrichment activities which incur additional costs.

10 EXERCISE SCIENCE 1

SEMESTER 1 (YEAR 10 ONLY) COST: \$15 PER SEMESTER PREREQUISITES: NONE, HOWEVER TO MAXIMISE THE OUTCOMES OF THE COURSE, STUDENTS ARE ENCOURAGED TO STUDY BOTH SEMESTERS

CLASS CAPACITY: 30

Students taking part in this elective should have a strong interest in the science behind the physical and mental potential of the human body during exercise. The course is predominantly theory based. Designed for students with a proven academic focus and sporting interest. It will also include practical components.

Theory related to:

- Muscular & Skeletal Systems
- Fitness Principles
- Biomechanics
- Sports Injury Management

ASSESSMENT

- Combination of practical and theoretical.

OPTIONAL ENRICHMENT ACTIVITY This elective may have optional enrichment activities which incur additional costs.

AUSTRALIAN CURRICULUM MAPPING Health and Physical Education

10 EXERCISE SCIENCE 2

SEMESTER 2 (YEAR 10 ONLY) COST: \$15 PER SEMESTER OPTIONAL ENRICHMENT ACTIVITIES RANGING FROM \$10 - \$20 PREREQUISITES: NONE, HOWEVER TO MAXIMISE THE OUTCOMES OF THE COURSE, STUDENTS ARE ENCOURAGED TO STUDY BOTH SEMESTERS

CLASS CAPACITY: 30

Students taking part in this elective should have a strong interest in the science behind the physical and mental potential of the human body during exercise. The course is predominantly theory based. Designed for students with a proven academic focus and sporting interest. It will also include practical components.

Theory related to:

- Circulatory & Respiratory Systems
- Sports Nutrition
- Sports Psychology
- Skill Acquisition

ASSESSMENT

- Combination of practical and theoretical.

OPTIONAL ENRICHMENT ACTIVITY This elective may have enrichment and extension activities which incur additional costs.

AUSTRALIAN CURRICULUM MAPPING

Health and Physical Education

OUTDOOR EDUCATION SEMESTER 1 (year 9, year 10 or year 9&10 courses available pending numbers) **COST: \$20 PER SEMESTER. PLEASE NOTE THERE ARE ADDITIONAL COSTS INVOLVED OF APPROXIMATELY: \$350 PREREQUISITES: NONE**

CLASS CAPACITY: 30

Outdoor Education is a challenging, rewarding subject which is designed to give students a safe pathway to outdoor adventure activities in an environment which fosters teamwork, but values individual achievements. Students will be expected to participate to the best of their ability in a wide variety of outdoor pursuits. However this subject is not all practical work. Students will learn to evaluate risk and to demonstrate the organisational ability to enjoy and preserve wilderness environments. Students will gain skills, which enable them to pursue satisfying lifetime recreational pursuits.

When considering the cost of this course it is important to note that in most instances we are offering professional instruction and unique experiences at a price significantly less than that offered to the general public. A range of enrichment activities are offered as they significantly add value to the child's learning experience; please consider this when considering this elective as it is assumed all students will attend camps and activities, such as:

- Oceansports – inclusive of surf awareness, surf lifesaving, and surf activities such as surfing, snorkelling, stand up paddleboarding and ocean kayaking.
- Navigation and bushwalking – inclusive of map and compass skills, and Orienteering practical activities

ASSESSMENT

- Combination of practical and theoretical

OPTIONAL ENRICHMENT ACTIVITY

- Surf awareness and swim skills during sessions at nearby pools
- 3 day Oceansports camp to South Coast. Students take part in surfing, stand up paddle boarding, snorkelling and beach games.

AUSTRALIAN CURRICULUM MAPPING/Health and Physical Education

OUTDOOR EDUCATION

SEMESTER 2 (year 9, year 10 or year 9&10 courses available pending interest) **COST: \$20 PER**

SEMESTER APPROX. ADDITIONAL COSTS INVOLVED: \$600 PREREQUISITES: Students are strongly encouraged to have studied at least one semester of Year 9 Outdoor Education prior to advancing to Semester 2. CLASS CAPACITY: 30

Outdoor Education is a challenging, rewarding subject which is designed to give students a safe pathway to outdoor adventure activities in an environment which fosters teamwork, but values individual achievements. Students will be expected to participate to the best of their ability in a wide variety of outdoor pursuits. However this subject is not all practical work. Students will learn to evaluate risk and to demonstrate the organisational ability to enjoy and preserve wilderness environments. Students will gain skills, which enable them to pursue satisfying lifetime recreational pursuits.

When considering the cost of this course it is important to note that in most instances we are offering professional instruction and unique experiences at a price significantly less than that offered to the general public. A range of enrichment activities are offered as they significantly add value to the child's learning experience; please consider this when considering this elective as it is assumed all students will attend camps and activities, such as:

- Snowsports – inclusive of alpine safety, snow skills including Snowboarding and Downhill Skiing
 - Rockclimbing & Rope skills – inclusive of rock climbing and abseiling, knot tying and first aid.
- OR
- Canyoning and Water & Rope skills – inclusive of rock climbing, abseiling and canyoning skills, knot tying and first aid.

ASSESSMENT

- Combination of practical and theoretical

OPTIONAL ENRICHMENT ACTIVITY

- 3 day Snowboard or Ski camp to a NSW ski field with lessons from resort based professional ski instructors
- Excursions to local rock climbing sites OR interstate canyoning sites.

AUSTRALIAN CURRICULUM MAPPING Health and Physical Education

DARE HPE CLASS CAPACITY: 28

COST: APPROX. \$250 FOR TERM 1 CAMP AND UNIFORM APPROX. \$500 FOR TERM 3 CAMP COSTS WILL VARY DEPENDING ON PLANNED EXCURSIONS PREREQUISITES: Entry into this course is via application only. Students are unable to 'elect' into it, students will be elected based on the application process and must remember to then enrol into DARE HPE line 7 when making their subject selections.

This program is devised to harness the strengths of teamwork and leadership through fitness, sport and positive role modelling.

Students will be involved in extensive fitness work as both an individual and as a part of a team. They

will be provided with opportunities to show leadership within the group as well as within the greater school community and will be held to a high standard of behaviour across the program.

Students need to be prepared to commit to completing strenuous fitness activities as well as playing a variety of sports, occasionally against other schools. In addition, students will provide services to the school and greater community as part of developing their social conscience and their own personal growth.

ASSESSMENT

- Participation
- Skill Development
- Organisation and Health work

OPTIONAL ENRICHMENT ACTIVITY This elective may have optional enrichment activities which incur additional costs.

AUSTRALIAN CURRICULUM MAPPING Health and Physical Education

STAR HPE CLASS CAPACITY: 28

COST: APPROX. \$300 FOR CAMP AND UNIFORM APPROX. \$300 FOR YEAR 10 CAMP COSTS WILL VARY DEPENDING ON PLANNED EXCURSIONS PREREQUISITES: Entry into this course is via application only. Students are unable to 'elect' into it, students will be elected based on the application process and must remember to then enrol into STAR HPE line 7 when making their subject selections.

STAR at Lyneham High School stands for Supporting Talent, Achievement and Resilience. The STAR program was founded in 2009 at a Womens' Health Day and follows the framework of the Martin Seligman's Positive Psychology 'Ways to Wellbeing', Know Your Strengths, Give, Connect, Take Notice, Keep Learning and Keep Active.

Emphasis is placed on Quality Teaching with cross curricula assessment and course content in Studies of Society and the Environment and Physical Education. A core principle of the program is to empower young women to think about their place in the world, tackle local and global issues and actively advocate change.

Students will be involved in extracurricular physical activities, fitness sessions, pool sessions and possibly gym sessions. This is based on the student's interests each year.

The health component of this unit takes the Year 9 curriculum and focuses on how health issues relate to women. For example, the dangers of drugs/alcohol to women and sexual education specific to a female.

ASSESSMENT

- Class participation
- Skill development
- Health assessment

OPTIONAL ENRICHMENT ACTIVITY This elective may have optional enrichment activities which incur additional costs.

AUSTRALIAN CURRICULUM MAPPING Health and Physical Education

TECHNOLOGIES

DESIGN & TECHNOLOGY **COST: \$50 PER SEMESTER**

DESIGN & TECHNOLOGY A

SEMESTER 1 ONLY (YEAR 9 & 10) PREREQUISITES: NONE

CLASS CAPACITY: 24

This course is designed to provide students with an introduction to all hand tools and machines inside the workshop. Students will be guided through a range of minor and major projects as a group. With a small opportunity for diligent students to create and build a minor project of their own design. Included in the practical aspect of the course will also be a strong theoretical component during which students will be introduced to 3D design and modelling.

DESIGN & TECHNOLOGY B

SEMESTER 2 ONLY (YEAR 9 & 10) PREREQUISITES: NONE

CLASS CAPACITY: 24

This course is designed to provide students with an introduction to all hand tools and machines inside the workshop. Students will be guided through a range of minor and major projects as a group. With a small opportunity for diligent students to create and build a minor project of their own design. Included in the practical aspect of the course will also be a strong theory component during which students will be introduced to 3D design and modelling.

ADVANCED DESIGN & TECHNOLOGY

EITHER SEMESTER (FOR YEAR 10 ONLY) PREREQUISITES: COMPLETED D&T A & B

CLASS CAPACITY: 24

Advanced D&T is a course designed to provide students with the opportunity to create a variety of projects combining the skills learnt in previous courses. Students will investigate traditional methods of construction as well as new contemporary styles. Students have the ability to negotiate projects with the teacher, enabling them to extend their skills and knowledge in their area of interest. This course is a semester in duration, but students can elect to study it in both semesters to enable students to continue

major projects.

ASSESSMENT

- Folio of work
- Projects & classwork

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10

9 FASHION & DESIGN A

COMMERCIAL PATTERNS

SEMESTER 1 ONLY (YEAR 9) COST: \$45 PER SEMESTER PREREQUISITES: NONE CLASS CAPACITY: 24

Year 9 Fashion Design will explore the use of commercial patterns. The course will begin with a group project including a toiletries bag and a duffle bag. These projects will introduce students to the concepts of how to read patterns and follow instructions, use the sewing machine in a safe and appropriate way, use specialised sewing techniques including zippers and button holes, and evaluating their work. Students will then move onto an individual project where they will select their own project to create using a commercial pattern.

Units of study may include:

- Pattern Marking Decoding
- Fashion Illustration
- Foundational Designers

ASSESSMENT

- Practical Work
- Assignments/portfolio

Note: Students are required to provide fabric, thread and elastic for their

garments. **AUSTRALIAN CURRICULUM MAPPING**

9 FASHION & DESIGN B

PATTERN MAKING

SEMESTER 2 ONLY (YEAR 9) COST: \$45 PER SEMESTER PREREQUISITES: NONE CLASS CAPACITY: 24

Year 9 Fashion Design will explore the use of commercial patterns. The course will begin with a group project including a reusable eco bag and an appliqued European pillowcase. These projects will introduce students to the concepts of how to read patterns and follow instructions, use the sewing machine in a safe and appropriate way, use specialised sewing techniques including zippers and button holes, and evaluating their work. Students will then move onto an individual project where they will select their own project to create using a commercial pattern.

Units of study may include:

- Pattern Marking Decoding
- Fashion Illustration
- Foundational Designers

ASSESSMENT

- Practical Work
- Assignments/portfolio

Note: Students are required to provide fabric, thread and elastic for their garments.

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10

10 FASHION & DESIGN A

PATTERN MAKING - EVERYDAY WEAR

SEMESTER 1 ONLY (YEAR 10) COST: \$45 PER SEMESTER PREREQUISITES: NONE CLASS CAPACITY: 24

Year 10 Fashion Design introduces students to the concepts of pattern making their own clothing using their own designs. The course begins with learning the tools and materials used in pattern making, and learning the core concepts of designing using “blocks”. Once students have mastered these concepts they will then apply their learning and design their own garment/s for either themselves or a model of their choice. Students will learn the basics of fashion illustration skills. Students will then pattern make and create their toile (prototype) for fitting before making their garment in the fabric of their choice. This course enables students to identify the style of clothing they like and gives them the skills to make their own clothing.

Theory work could include components of:

- Fashion drawing/designing
- Fashion designers
- Personal style and individuality

- The study of clothing fabric suitability for different body types
- Fabric construction techniques

ASSESSMENT

- Practical Work
- Assignments/portfolio.

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10

Note: Students are required to provide fabric, thread and elastic for their garments.

10 FASHION & DESIGN B

PATTERN MAKING - FORMAL WEAR

SEMESTER 2 ONLY (YEAR 10) COST: \$45 PER SEMESTER PREREQUISITES: EITHER YEAR 8 or 9 SEMESTER 1 or 2 FASHION OR YEAR 10 SEMESTER 1 FASHION CLASS CAPACITY: 24

Year 10 Fashion Design students will have an opportunity to apply the knowledge learned in year 9 semester 2 or year 10 semester 1 to create foundational garments. Students will learn about corsetry, structuring garments, strapless application and working with more challenging fabrics. Students will learn more detailed applications for fashion illustration.

*Students are encouraged not to use their design for their formal dress due to time constraints.

Theory work could include components of:

- Fashion drawing/designing
- Fashion designers
- Personal style and individuality
- The study of clothing fabric suitability for different body types
- Fabric construction techniques

ASSESSMENT

- Practical Work
- Assignments/portfolio.

Note: Students are required to provide fabric, thread and elastic for their garments.

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10

9 FOOD TECHNOLOGY A

OUR FOOD – AUSTRALIAN CUISINE CLASS CAPACITY: 24

SEMESTER 1 ONLY (YEAR 9) COST: \$50 PER SEMESTER PREREQUISITES: NONE

The aim of this unit is to give students a greater awareness of Australian food culture. The course concentrates on the development of our Australian cuisine through the waves of migration and the impact that this has had on health and wellbeing in our community. Students will develop their food knowledge, preparation and presentation techniques through regular practical learning activities. The Design, Produce and Evaluate process underpins theoretical concepts and practical applications.

ASSESSMENT

- Practical Work
- Class work
- Assignments
- Tests/quizzes

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs.

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10

9 FOOD TECHNOLOGY B

FOOD FOR EVERYONE

SEMESTER 2 ONLY (YEAR 9) COST: \$50 PER SEMESTER PREREQUISITES: NONE

CLASS CAPACITY: 24

This unit will allow students to investigate the impact of food choices on our world and future. Students will consider ways to eat ethically and sustainably. They will make judgements on their food choices and those of others. Students will develop practical skills in preparing and presenting food that will enable them to select and use appropriate ingredients, methods and equipment. Students will have the opportunity to apply principles of the Design, Produce and Evaluate process in a range of contexts.

ASSESSMENT

- Practical Work
- Class work
- Assignments
- Tests/quizzes

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs.

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10

10 FOOD TECHNOLOGY A

ENTERTAINING

SEMESTER 1 ONLY (YEAR 10) COST: \$50 PER SEMESTER PREREQUISITES: NONE

CLASS CAPACITY: 24

The aim of this unit is to enable students to gain practical skills and knowledge on appropriate etiquette and entertaining. Students will look at various cuisines and how different cultures have influenced modern Australian cuisine, health and wellbeing. Students will also have the opportunity to plan and prepare a function while expanding their knowledge of food preparation and presentation skills. The Design, Produce and Evaluate process underpins theoretical concepts and practical applications.

This is a terrific course for students who wish to further enhance their food technology skills from Year 8 and 9.

ASSESSMENT

- Practical Work
- Class work
- Assignments

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs.

- Tests/quizzes

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10

10 FOOD TECHNOLOGY B

LIVING OUT OF HOME

SEMESTER 2 ONLY (YEAR 10) COST: \$50 PER SEMESTER PREREQUISITES: NONE

CLASS CAPACITY: 24

This course provides students with the opportunity to engage with the topic of 'Living Out of Home' providing them with an opportunity to understand the responsibilities and the resources needed to live independently. The unit assists students to make informed choices about food expanding their knowledge of food preparation techniques and presentation skills. Students will look at the nutritional and sustainability value of convenience products versus fresh produce. The principles of investigate, generate, produce, evaluate, collaborate and manage design solutions underpins theoretical concepts and practical applications.

ASSESSMENT

- Practical Work
- Class work
- Assignments
- Tests/quizzes

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs.

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10

10 CAFÉ A

SEMESTER 1 ONLY (YEAR 10) COST: \$60 PER SEMESTER PREREQUISITES: AT LEAST ONE SEMESTER OF YEAR 8, 9 OR YEAR 10 FOOD TECHNOLOGY CLASS CAPACITY: 24

This unit focuses on developing basic skills necessary for running and/or working within a café environment. It is centred on specific design briefs and students complete design folios as a record of their planning.

Units of study include:

- The hospitality industry
- Customer Service
- Health, safety and hygiene
- Food and beverages
- Food Presentation and Service (Restaurant) The practical component of the course is fundamental to the development of skills in the preparation, presentation and service of food/beverages to acceptable industry standards.

ASSESSMENT

- Practical Work/running restaurants
- Assignments, portfolio
- Class work

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs.

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10

10 CAFÉ B

SEMESTER 2 ONLY (YEAR 10) COST: \$60 PER SEMESTER PREREQUISITES: AT LEAST ONE SEMESTER OF YEAR 8, 9 OR YEAR 10 FOOD TECHNOLOGY CLASS CAPACITY: 24

This unit focuses on developing basic skills necessary for running and/or working within a café environment. It is centred on specific design briefs and students complete design folios as a record of

their planning.

Units of study include:

- The hospitality industry
- Health, safety and hygiene
- Food Presentation
- Functional properties of food
- Dealing with difficult customers
- Customer Service (Restaurants)

The practical component of the course is fundamental to the development of skills in the preparation, presentation and service of food/beverages to acceptable industry standards.

ASSESSMENT

- Practical Work/running restaurants
- Assignments, portfolio
- Class work

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs.

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10

AGRICULTURE

EITHER OR BOTH SEMESTERS (YEAR 9 & 10) COST: \$40 PER SEMESTER PREREQUISITES: NONE CLASS CAPACITY: 24

Students participate in the management of the school garden as a production system. They grow a large range of crops learning to propagate and manage these plants through to harvest. Students compare different types of industries including plant based and animal based production systems, some examples include goats, vineyards, orchards and dairy.

Students also manage a range of animals and investigate the importance of these animals to Agriculture in Australia. Chickens, goats, sheep and cows are rotated through the school farm throughout the year so students develop an understanding of animals and their husbandry.

Students may study:

- Soil management and soils in our local area
- Hydroponics
- Nutrient recycling and sustainability
- Animal anatomy and physiology
- Animal production in our local area
- Animal management and handling

ASSESSMENT

- Practical work
- Class work and assignments

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs. AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10

ANIMATION & 3D MODELLING

EITHER OR BOTH SEMESTERS (YEAR 9 & 10) **COST: \$30 PER SEMESTER PREREQUISITES: NONE**

CLASS CAPACITY: 28

The Animation and 3D modelling course may be taken in both Semester 1 and Semester 2. This is an introductory course to 3D modelling and animation used across industries such as video game design, engineering, product design, architecture, simulations, special effects in video production and much, much more.

Students are taught how to apply a design process to produce results that align to a design brief.

Students predominantly use the free software Blender (www.blender.org) and several other programs, including the Adobe Creative Suite to create 3D models and animations, which could be used for a range of purposes. Final rendered animations could become a game character, a product design, architectural renders, creative artistic expressions or video game environment with beautiful, realistic textures that simulate the real world or maybe use a more surreal graphical style. Perhaps a valuable NFT, the options are limitless.

Students will build a portfolio of work that demonstrates the understanding of the following topics.

- ICT and software use
- Mesh Modelling
- Lighting
- Texturing
- Shading
- Animation
- Rendering
- Compositing

Work will be modified to cater for continuing students that wish to persist and challenge themselves in this field of study. This subject may also be a valuable addition to a student's skill set that they can apply to other subjects such as Media, Art, Graphic Design, STEM, Design and Technologies, Game Programming and much more.

ASSESSMENT

- Folio of work
- Assignments

- Classwork

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10

GAMES PROGRAMMING

EITHER OR BOTH SEMESTERS (YEAR 9 & 10) COST: \$30 PER SEMESTER PREREQUISITES: NONE

CLASS CAPACITY: 28

In this course, students will design and create a series of increasingly complex computer games, learning key programming concepts and skills in the process. Projects will provide the opportunity to code simple games from scratch, and also build on game templates to create more complex games. Instruction will be geared towards empowering students to make their own, independent projects in future. The skills learned in the course should make further programming study through web-based tutorials more achievable.

ASSESSMENT

- Classwork
- Portfolio of completed games

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs. AUSTRALIAN CURRICULUM MAPPING Digital Technologies Yr 9-10

LIVE PRODUCTION

EITHER OR BOTH SEMESTERS (YEAR 9 & 10) COST: \$30 PER SEMESTER

PREREQUISITES: NONE CLASS CAPACITY: 30

This subject allows students to develop skills to:

- Apply a general knowledge of props construction
- Maintain physical production elements
- Handle physical elements safely during bump in/bump out
- Apply a general knowledge of theatrical rigging
- Apply a general knowledge of staging to work activities
- Apply a general knowledge of lighting to work activities
- Provide venue information and assistance
- Usher patrons
- Apply a general knowledge of audio to work activities
- Participate in OHS processes

In addition to class time spent on production preparation, students will be expected to attend a minimal

amount of after school rehearsals, particularly during pre-production periods. Students will be expected to attend all performances and technical rehearsals as part of their assessment.

SEMESTER 1 2022 **LIVE PRODUCTION - TECHNIQUES**

Students will develop their skills in the techniques of audio, lighting, back stage and front of house operations for the theatre industry. They will have the opportunity to work on new competencies if they have previously completed a Live Production course. Students will work in a range of small and large scale productions, including the school musical, North-side Cluster Spectacular, drama, theatre and Step into the Limelight.

SEMESTER 2 2022 **LIVE PRODUCTION - PROCEDURES**

Students will develop their skills in the procedures of audio, lighting, back stage and front of house operations for the theatre industry. They will have the opportunity to work on new competencies if they have previously completed a Live Production course. Students will work in a range of small and large scale productions, including the school musical, North-side Cluster Spectacular, drama, theatre and Step into the Limelight.

SEMESTER 1 2023 **LIVE PRODUCTION - DESIGN**

Students will develop their skills in the design of audio, lighting, back stage and front of house operations for the theatre industry. Students will work in a range of small and large scale productions, including the school musical, North-side Cluster Spectacular, drama, theatre and Step into the Limelight.

SEMESTER 2 2023 **LIVE PRODUCTION - METHODS**

Students will develop their skills in the methods of audio, lighting, back stage and front of house operations for the theatre industry.. They will have the opportunity to work on new competencies if they have previously completed a Live Production course. Students will work in a range of small and large scale productions, including the school musical, North-side Cluster Spectacular, drama, theatre and Step into the Limelight.

ASSESSMENT

- Theory and design
- Practical applications
- Classwork
- Teamwork
- Live productions

AUSTRALIAN CURRICULUM MAPPING School-based subject – Certificate II – Live Production

STEM (Science Technology Engineering Mathematics)

There are three different one-semester courses to choose from over the two years of senior study. Students may elect to study one or all of the courses. The STEM subjects can be done in any order over Years 9 & 10, depending on which courses have been timetabled. Each course will be made available,

subject to minimum student numbers.

STEM 1

ROBOTICS AND FUTURE TECHNOLOGIES

EITHER OR BOTH SEMESTERS (YEAR 9 & 10) **COST: \$45 PER SEMESTER PREREQUISITES:**

NONE CLASS CAPACITY: 24

This course introduces different concepts around systems and electronics to the Systems & Design A unit; broadening the scope of continuing students while also introducing new students to the world of systems and design in the electronics and robotic fields. This course looks at concept development and key components of robotics technologies and familiarises students with various sensors and their perception principles that enable a machine to analyse their environment and take appropriate actions, for example using motors. They will utilise technologies such as Micro:Bits, Lego Mindstorms and Arduinos. They will build using simple components including recycled materials such as cardboard up to more complex models using 3D printers to help develop strategies that will enable them to design and build a major project that will be based on these principles. Projects can include things like robotic hands.

ASSESSMENT

- The completion of project work
- A demonstrated understanding of design principles involving robotics
- Practical & theory tests

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs (for example, competitions).

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10 Science Yr 9-10

STEM 2

ELECTRONICS AND PROTOTYPING

EITHER OR BOTH SEMESTERS (YEAR 9 & 10) **COST: \$45 PER SEMESTER PREREQUISITES:**

NONE CLASS CAPACITY: 24

This course is an introduction to electronics and prototyping. Students will learn the basics of electronics including safety issues, components and circuit diagrams. They will have the opportunity to design a simple circuit and learn skills such as soldering, creating a circuit board and the testing and development of a prototype. They will have exposure to modern electronics such as Arduinos, Microbits and Raspberry Pi's and be able to do some basic programming to control their design. They will have the opportunity to design and reassess what they have built and be able to market their product to a specific audience such as the medical industry or toy industry. This unit provides students with the opportunity to understand how STEM can influence the wider world and provide them opportunities to see how different technologies can be incorporated into problem solving activities.

ASSESSMENT

- The completion of project work around electronics
- A demonstrated understanding of design, electronic and systems principles and components
- Practical & theory tests

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs (for example, competitions).

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10 Science Yr 9-10

STEM 3

LOCOMOTION

EITHER OR BOTH SEMESTERS (YEAR 9 & 10) COST: \$45 PER SEMESTER PREREQUISITES:

NONE CLASS CAPACITY: 24

This course is an introduction to aerodynamic and motion principals. During this course students will engage in a variety of challenging tasks and projects based upon things that move. They will look at design components of different vehicles including cars and drones and utilise software to study the effects of aerodynamics, this will lead to the development of a car that may be entered in the F1 car competition. They will look at the safety issues surrounding Drone technology and use the principles of flight to design and create a prototype of an aeronautical machine.

ASSESSMENT

- The completion of project work around flight and movement
- A demonstrated understanding of design systems principles and components
- Practical & theory tests

OPTIONAL ENRICHMENT ACTIVITIES This elective may have optional enrichment activities which incur additional costs (for example, competitions).

AUSTRALIAN CURRICULUM MAPPING Design and Technologies Yr 9-10 Science 9-10