



**Gymea Technology
High School**

INSPIRE. LEARN. SUCCEED.

Elective Subject Information

Years 9 and 10

August 2020

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GYMEA TECHNOLOGY HIGH SCHOOL

STAGE 5 CURRICULUM

INTRODUCTION

The NSW Educational Standards Authority (NESA) is responsible for the curriculum that leads to the award of the Record of School Achievement (RoSA). This booklet outlines the requirements and choices that are available to students in meeting these requirements.

Curriculum Structure for Stage 5

At this school the students who are presented for the Record of School Achievement (RoSA) must complete the core of subjects mandated by NESA: English, Geography, History, Mathematics, PDHPE and Science. In addition to this the students are required to complete three electives in year 9 and three electives in year 10.

Students may choose to continue their study of the electives chosen in year 9 or they may choose new electives or a combination of new and previously studied electives.

Choosing elective courses at Gymea Technology High School

What is a 200 Hour Elective Course?

A *200 Hour Course* is a course that is studied in both years 9 and 10

What is 100 Hour Elective Course?

A *100 Hour Course* is a course that is studied for one year in either year 9 or year 10.

Year 9 and 10 elective courses **do not impact** on choices for senior study.

Some elective subjects have compulsory fees. See the information in this booklet for details.

When deciding which subjects to choose, students should consider subjects that will provide the most interest and enjoyment as well as subjects they are capable of doing.

Please note that elective classes will be formed only if enough students request that subject. Due to elective line clashes and class number limitations, students will be asked to **nominate three additional courses as alternatives**.

Student selections will be made online in Term 3. A hard copy of student selections will be brought home for parent / caregiver signature confirmation.

STAGE 5 CURRICULUM

What is Stage 5? NESAs, in their organisation of Curriculum considers years 7 & 8 as Stage 4 and years 9 & 10 as Stage 5.

What is the Record of School Achievement RoSA? The Record of School Achievement (RoSA) is a credential for students leaving school prior to receiving their HSC.

The RoSA will:

- Be a record of the full range of student achievements up to the day they do their HSC or leave school.
- Provide an electronic record of achievements that students can use at any time.
- Use assessment by teachers in schools, moderated by NESAs to ensure reliability and fairness of grades.
- Offer on-line literacy and numeracy tests, with particular emphasis on work readiness that students will be able to undertake twice a year.

Students will need to have completed the mandatory requirements for Stage 5 to be eligible for a RoSA.

How does a student become eligible for the award of the RoSA? To be eligible for the award of a RoSA by NESAs, students are required to follow and complete a pattern of courses developed or approved by NESAs.

To have satisfactorily completed a course of study for Stage 5, a student must have a satisfactory record of application (effort). Based on their performance in Stage 5, students will be awarded a grade for each of their Stage 5 subjects as based on the Course Performance Descriptors.

What is the core course structure at this school? At Gynea Technology High School students in Stage 5 are required to satisfactorily complete the following pattern of study:

English	200 hours*
Mathematics	200 hours*
Science	200 hours*
History	100 hours*
Geography	100 hours*
PD Health PE	150 hours*
Electives	400 hours

(Electives may consist of a combination of 100 &/or 200 Hour Elective Courses.)

*These are courses taught continuously from years 7 to 10

Do all Electives get Recorded on the RoSA? No. Most elective courses are entered as 100 hour or 200 hour courses. There is no indication, however, as to whether they were studied in year 9 or year 10. Innovation in Mathematics and Creative Writing will not appear on the RoSA.

How do students choose an elective? Students have the opportunity to choose their electives from those listed in this booklet. The process for students to choose an elective will be completed online at school in term 3.

On what basis should a student choose their elective? Students should make their choice of an elective based on the answers to the following questions:

1. Am I interested in this subject area?
2. Do I like this subject or type of subject?
3. Is this a subject that I can work at and perform well in?

Can a student change an elective subject if they do not like their choice?

Yes, until week 3 of term 1 and only if there is room in the class they want to move in to.

Students who wish to change their elective choice need to:

1. Collect a change of elective form from the front office.
2. Appreciate that it is not automatic, requires a good reason and the support of their parents.
3. Accept that they are required to complete work that occurred in the subject that they are changing into prior to their move.

Grading

Students are awarded a grade for each of the courses they have studied in years 9 and 10. The grades are based on the course performance descriptors for each course. Grading student achievement is the process of assigning a letter (A, B, C, D, E) to summarise the level of a student's achievement in a course. In Mathematics, grades have been further differentiated to nine levels as follows: A10, A9, B8, B7, C6, C5, D4, D3, E2.

Pattern of Study by Key Learning Area

Key Learning Area	Mandatory Courses	Elective Courses
English	All students study English in Years 7, 8, 9 and 10.	<ul style="list-style-type: none"> • Creative Writing
Science	All students study Science in Years 7, 8, 9 and 10.	
Mathematics	All students study Mathematics in Years 7, 8, 9 and 10.	<ul style="list-style-type: none"> • Engineering in Technology
HSIE (Human Society and Its Environment)	In Years 7 and 8 all students study Geography and History In Years 9 and 10 students study History and Geography	<ul style="list-style-type: none"> • Aboriginal Studies • Commerce • Forensic Archaeology • Geography Elective
PDHPE	All students study PDHPE in Years 7, 8, 9 and 10.	<ul style="list-style-type: none"> • Child Studies • Dance • Physical Activity & Sports Studies
TAS (Technological and Applied Studies)	All students study Technology Mandatory in Years 7 - 8	<ul style="list-style-type: none"> • Design and Technology • Food Technology • Graphics Technology • Industrial Technology - Metal • Industrial Technology - Timber
Creative Arts	In years 7 - 8 students will study Music and Visual Arts, Dance	<ul style="list-style-type: none"> • Drama • Music • Photographic & Digital Media • Visual Arts
Languages	In Years 7 - 8 students will study French.	<ul style="list-style-type: none"> • French

SUBJECT CONTRIBUTIONS

The following is a guide to subject costs for

Course	Cost per year
Design & Technology	\$50
Food Technology	\$100
Visual Arts	\$40

The subject costs for the elective subjects are used to purchase materials used or consumed by students throughout the year. Parents with financial difficulties are, of course, encouraged to request support from the school so that a student with ability and interest in a particular subject is not necessarily disadvantaged.

ABORIGINAL STUDIES

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

This course will suit students wishing to learn more about Aboriginal experiences in Australia and how important these are for all Australians.

Objectives of the course are:

1. develop a knowledge of aspects of Aboriginal cultures.
2. recognise key similarities and differences among Aboriginal cultures.
3. recognise similarities and differences between Aboriginal and non-Aboriginal cultures in Australia.
4. understand the broad outline of Aboriginal historical experience and its relevance to the emergence of an Aboriginal identity.
5. develop an understanding of the concept of Aboriginality in a multicultural Australia.
6. appreciate the contribution of Aboriginal people to Australian Society.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none">• Aboriginal Identities• Aboriginal Visual Arts• Aboriginal Performing Arts• Aboriginal Peoples and the Media	<ul style="list-style-type: none">• Aboriginal Autonomy• Aboriginal Film & Television• Aboriginal Peoples and Sport• Aboriginal Interaction with the Legal & Political System

CHILD STUDIES

- This course is offered as a 200 hour elective.
- This course is offered as a 100 hour elective.

Child Studies aims to develop knowledge, skills and strategies in the area of growth and development of young children. Students will develop strategies that will enable them to provide safe and nurturing care for young babies and children. Students will investigate play and its role in the growth and development of children; and develop an understanding of how a range of external factors support the wellbeing of children. Apart from regular class activities, students will also participate in field trips and have the opportunity to work with children from birth to school age.

Child Studies can lead to future careers in preschool teaching, teacher's aide, kindergarten teaching, nursing, child services, work in the children's services industry, children's literature and children with special needs.

The course offers initial learning experiences that can create an interest for further post-school study at TAFE, university or vocational training in the context of the workplace.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none">• Preparing for parenthood• Conception to birth• Family interactions• Newborn care	<ul style="list-style-type: none">• Growth and development• Health and safety in childhood• Food and nutrition in childhood• Play and the developing child• Media and technology in childhood

COMMERCE

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

Commerce is a subject which gives practical knowledge and skills for handling money and understanding the world of business. It is also a valuable introduction to the study of Business Studies, Economics and Legal Studies for those students wishing to further their studies in this area in the future.

This course will suit students who have an interest in learning:

- a) Making wise choices with their money
- b) How to conduct their own financial affairs
- c) How to survive away from home
- d) How to start a business and how businesses operate
- e) The laws that control our lives

The course may include fieldwork, such as visits to courts, police stations and local businesses.

Students will enter competitions such as the Share market Game, where they create their own virtual stock portfolio. They will also participate in a program which gives students the chance to start their own business, where they plan, budget, market and run their business idea building innovation, enterprise and financial literacy skills in the process.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none">• Consumer and Financial Decisions• The Economic and Business Environment• Law in Action• Promoting and Selling• Travel	<ul style="list-style-type: none">• Law, Society and Political Involvement• Employment and Work Future• Investing• Running a Business• Towards Independence

CREATIVE WRITING

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

In this course students explore the fundamental aspects of creative writing through a variety of forms. Students will explore where ideas come from through developing increasingly sophisticated pieces of writing that focus on utilising language features and structures. Through examining and composing their own suite of writing, students will hone their writing skills to become more efficient in their use of language and develop their understanding of the writing process.

Through the study of creative writing students will learn to:

- Use language with precision to convey meaning
- Creatively and imaginatively interpret and represent the world
- Develop and sustain their own authentic voice
- Critically assess the structural integrity of a variety of texts
- Reflect on and evaluate their own creative work

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none">• Introduction to Creative Writing• Setting• Characters• Narrative Structure and Plot• Form and Structure• Exploring Language• The Publication Process• Independent Project 1	<ul style="list-style-type: none">• Extending Language• Characterisation• Conventions of Genre• Style• Perspective and Point of View• Dialogue and Script• Perfecting the Process• Independent Project 2

DANCE

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

Dance is a course aimed at students who have an interest in dance or those who are involved in dance programs outside school. The related arts of music art and drama support many styles of dance and are given consideration in this subject by students expressing themselves musically and artistically in performance. While dance provides an opportunity to identify and develop special talents, it also provides opportunities for self-expression and physical development for wide variety of students. Students need not have a background in dance to choose and succeed in this subject.

The aims of the dance syllabus are to develop in students the ability to:

- Express themselves through dance;
- Compose, perform and appreciate dance;
- Develop skills and techniques of dance with an understanding of anatomy and movement;
- Appreciate dance as a performing art;
- Understand and accept a variety of dance styles;
- Obtain knowledge of dance in an historical context;
- Promote an understanding of themselves and others by providing opportunities for them to work in co-operative circumstances.

This subject is divided into three major content areas:

1. Performance - bodily competence
2. Composition - the development and use of concepts in the creative process
3. Appreciation - make informed judgements about dance. Students study the historical aspects of dance.

Classes in this subject are a combination of both practical and theoretical learning experiences. Students learn through performance, composition and appreciation of dance. Students will be provided with an opportunity to experience a wide variety of dance styles which may include jazz, ballet, contemporary and musical theatre.

This subject is intended to be enjoyable and intellectually and physically stimulating.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none">• The Dance Body• Modern Dance• Finding Inspiration• Origins of Jazz Dance• Repertoire• 5, 6, 7, 8!• Resisting Ballet in Modern Dance• Ghost Dances• Stimulus• Composition• On Stage	<ul style="list-style-type: none">• Ballet Fundamentals• The History of Ballet• What is a motif?• Rooster and Repertoire• Anatomy• Technique Development• Dancing with Motivation• Dance on Film

DESIGN & TECHNOLOGY

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

Course Description

This Course provides students with hands on experience with a variety of materials (for example: wood, metal, plastics, textiles) to design and build projects.

Using new technologies such as laser cutters and 3D printing, students can blend traditional technologies of wood and metal with 21st century technologies.

In this course students will engage in the design and creation of their own quality practical projects. Students will investigate, analyse and apply a range of design concepts and design processes. Through project work, students will develop skills to manage time as they sequence, produce and evaluate as part of the design process.

Students are required to wear the correct Personal protective Equipment (PPE) each practical lesson including fully enclosed leather shoes.

The Course Topics

Year 9 - 2021	Year 10 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none">• Holistic approach to design• Implementing the design process to produce quality design solutions• Evaluating technologies through case studies• Digital Technologies• Material Technologies• Student negotiated design	<ul style="list-style-type: none">• Holistic approach to design• Implementing the design process to produce quality design solutions• Evaluating technologies through case studies• Information and Communication Technologies• Material Technologies• Student negotiated design

DRAMA

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

In Drama students learn by *doing*. The course aims to maximize their dramatic abilities and enjoyment of drama and theatre through making, performing and appreciating dramatic and theatrical works.

Students work individually or in groups. Students need not have any previous drama experience to join this course but they are expected to participate in performances both in class and for wider audiences. They will be required to attend theatre productions and workshops, which will involve some cost to the student.

The content of Drama involves the study of:

- Elements of drama – developing role and character, using dramatic symbols, sound, movement, atmosphere and relating to an audience, and
- Dramatic contexts – playbuilding, improvisation, video drama, scripted drama, comedy and others,

all through the practice of making, performing and appreciating drama.

Through the study of Drama students learn to:

- communicate with increased skill and confidence, both verbally and non-verbally
- use voice and movement effectively
- work co-operatively and creatively in group situations
- write critically about drama and theatre
- reflect on and evaluate their own creative work.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none"> • Improvisation • Elements of drama - characterisation • Playbuilding • Study of 2 units chosen from <ul style="list-style-type: none"> ○ scriptwriting ○ creative movement ○ mask drama ○ commedia dell'arte 	<ul style="list-style-type: none"> • Improvisation • Elements of drama - characterisation • Playbuilding • Study of 2 units chosen from <ul style="list-style-type: none"> ○ Small screen drama ○ Techno theatre ○ Realism ○ Dramatic forms ○ Year 10 production

ENGINEERING IN TECHNOLOGY

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

The role of an Engineer is to formulate problems, provide solutions and integrate technical understanding. Through a practical, hands-on approach, Engineering in Technology will allow students to further explore areas of Mathematics, Science and Technology linked to the Engineering field. This course will build student's problem-solving skills through investigative and experimental activities exploring concepts surrounding forces, motion and electricity.

It provides enrichment in these STEM areas and extends students mathematical and scientific thinking that will assist students who are looking to further study Mathematics and Science in years 11 and 12. The course will suit students who have an interest in:

- learning through collaboration and a team approach with other students
- exploring the use of technology to model solutions to real-world problems related to engineering
- furthering their mathematics and physics skills through a hands-on, problem-solving approach
- exploring STEM based careers and applications within STEM industries

Students in this course will be introduced to how their mathematics and scientific knowledge and skills link to a range of engineering concepts through modelling and problem-solving using technology. This course attracts students who are confident with their mathematics and science studies and are achieving an above average performance in their mathematics classes, but is open to all students.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none"> • Areas of Engineering Practice • Project Management and Communication • Engineering of Motion • Engineering of Electronics 	<ul style="list-style-type: none"> • Areas of Engineering Practice • Project Management and Communication • Engineering of Motion • Engineering of Electronics

FOOD TECHNOLOGY

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

Course Description

The Food Technology course will actively engage students in learning about food in a variety of settings including family meals, special functions and celebrations. Students will prepare and cook a variety of contemporary meals, desserts, cakes, pastry, biscuits and other food items. This will give students valuable life skills and experience using a wide range of foods such as meats, fruits, vegetables, cereals, dairy products and cereal products.

An understanding of human nutrition and its importance on quality of life is stressed. Through this understanding students will be able to evaluate the relationship between food, technology and the nutritional status of people.

The major emphasis of the Food Technology syllabus is on students exploring food-related issues through a range of practical experiences, allowing them to make informed and appropriate choices with regard to food. Integral to this course is students developing the ability and confidence to design produce and evaluate solutions to situations involving food. They will learn to select and use appropriate ingredients, methods and equipment safely and competently.

Students are required to wear fully enclosed leather shoes and bring a container for all practical lessons. Aprons will be provided for each practical lesson.

Students will study the areas of food preparation and processing, nutrition and consumption in the units below.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none">• Food in Australia• Food Equity• Food for Specific Needs• Food for Special Occasions	<ul style="list-style-type: none">• Food Selection and Health• Food Product Development• Food Service and Catering• Food Trends

FORENSIC ARCHAEOLOGY

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

The study of forensic archaeology equips students with the knowledge and skills essential for their future roles as active, informed citizens and advocates for a fair and just society. It develops skills in critical thinking, independent inquiry-based learning and encourages students to become engaged in lifelong learning.

Forensic Archaeology is an elective history. Lots of investigative approaches are used to develop the student's ability to interpret data, write an argument using evidence and communicate effectively.

This is a 'hands on' course which actively involves the students in the investigative process. It includes site studies such as; a cemetery study, a visit to the Justice and Police Museum, forensic science laboratory investigations and virtual investigations on the internet.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none">• Mysteries of the Past• Crime and Punishment throughout time• CSI True Crime• Marine Archaeology	<ul style="list-style-type: none">• Political assassinations<ul style="list-style-type: none">• Anastasia• JFK• Wicked Witches• Forensic Injustice<ul style="list-style-type: none">• Jack the Ripper• The Innocence Project

FRENCH

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

French is one of the major languages in the world. It is used in parts of Europe, Canada, North America, Africa, the Middle East, the West Indies, the Indian Ocean region and the South Pacific region close to Australia, namely New Caledonia, Tahiti and Vanuatu.

France is one of the leading destinations for Australian travellers. The ability to communicate in French enriches this experience and provides students with opportunities for continued learning and for future employment, both domestically and internationally, in areas such as commerce, tourism, hospitality and international relations.

The course is taught using an exciting new French language program which includes a textbook, a workbook, interactive multimedia with many activities for students to enjoy as they enhance their skills. Students can record their voice and compare it to a native speaker's, and access all audio files from the textbook and the workbook.

Topics that will be covered include areas such as eating, shopping, music, parties, festivals, finding the way, holidays, making friends, restaurants, sightseeing and travel.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module A 100 hours
<ul style="list-style-type: none">• Life as a student in France• Describing people and their personality• Let's go shopping• Finding my way around town• Celebrating in France	<ul style="list-style-type: none">• Life as a student in France• Describing people and their personality• Let's go shopping• Finding my way around town• Celebrating in France

GRAPHICS TECHNOLOGY

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

Course Description

The study of Graphics Technology provides students with the opportunity to develop specific skills in using a variety of tools, materials and techniques widely available in industrial, commercial and domestic settings. An important part of this course involves the generation and use of images, models and pictures. This includes the visualisation and manipulation of three-dimensional concepts and images, and the interpretation and presentation of ideas graphically.

Through the study of Graphics Technology students become increasingly productive, creative, discriminating and confident in the development and use of a range of technologies relevant to current practice in graphics and graphics-related industries.

Students will learn to select from and use a range of drawings to communicate ideas graphically using freehand sketching, instrument drawing and digital techniques. They will learn to select and produce appropriate drawing types for communication in design, manufacturing and marketing, and apply appropriate standards. They will learn to manipulate and draw images using appropriate digital designing and presentation technologies. They will learn to apply WHS practices and risk management techniques to the graphics work environment. They will also learn about the impact of the graphics industry on commercial activities and the environment.

The Course Topics

Year 9 - 2021	Year 10 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none">• Instrumental Drawing• Computer-Aided Drawing (CAD)• Graphic Design and Communication• Student negotiated project	<ul style="list-style-type: none">• Instrumental Drawing• Computer-Aided Design (CAD)• Landscape drawing• Student negotiated project

INDUSTRIAL TECHNOLOGY - Multimedia

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

****Note:** Students can only study up to 2 Industrial Technology courses (Metal, Timber, Multimedia).

Course Description

The study of Industrial Technology provides students with opportunities to engage in a diverse range of creative and practical experiences using a variety of technologies widely available in industrial and domestic settings. It allows students to demonstrate their ability to think creatively to produce solutions to practical problems. Students will develop knowledge and skills in the design, planning, management and production of quality projects through safe interaction with a range of technological tools and materials.

All students will learn about the properties and applications of materials associated with Multimedia Systems. They will investigate the safe and ethical use of a range of software, equipment and multimedia processes available in both commercial and domestic settings. Using this knowledge, students will plan and construct quality multimedia projects in the following topic areas.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<p>Web Design</p> <ul style="list-style-type: none">• Creating and editing digital graphics• Creating webpages using a range of techniques• Production of digital media for a range of online displays <p>Video Production</p> <ul style="list-style-type: none">• Equipment and techniques for recording video and sound• Video and sound editing tools• 2D and 3D animation software	<p>Apps and Interactivity</p> <ul style="list-style-type: none">• Building interactive applications using software• Hardware devices used to interact with software (e.g. virtual reality)• Programming language used to produce applications <p>Games and Simulations</p> <ul style="list-style-type: none">• Game and simulation devices• 2D and 3D object animation techniques• Storage and hardware requirements

INFORMATION & SOFTWARE TECHNOLOGY

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

People will require highly developed levels of computing and technology literacy for their future lives. Students therefore need to be aware of this scope, limitations and implications of information and software technologies. The core content to be covered in this course are integrated into the options chosen. The course has been designed with an emphasis on practical activities to allow students to sustain focus in a range of interest areas in depth.

Individual and group tasks, performed over a range of projects, will enable this practical-based course to deliver the relevant knowledge and skills needed by students. Development of technology skills and information about career opportunities within this area are important aspects of the course. Students will identify a need or problem to be solved, explore a range of possible solutions and produce a full working solution. They will use a variety of technologies to create, modify and produce products in a range of media formats.

Group and individual project-based work will assist in developing a range of skills, including research, design and problem-solving strategies over the chosen topics.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none">• Digital Media<ul style="list-style-type: none">◦ Graphic Manipulation & Fine Editing• Data, Hardware & Software• Databases	<ul style="list-style-type: none">• Authoring & Multimedia<ul style="list-style-type: none">◦ Audio Manipulation◦ Animation◦ Video• Robotics and Automated Systems• Web Design

MUSIC

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

Enjoyment of this subject is strongly reliant on a combination of interest, ability and commitment to independent learning. Students must be familiar with the basics of music that were studied in Years 7 and 8, such as the notation of pitch and rhythm, time signatures, musical signs, and the instruments of the orchestra.

Students will study music in the areas of performance, composition, aural skills and musicology. The listening focus areas are Australian music, Medieval and Baroque music and Popular/Rock music in the context of Music for Radio, Film, Television and Multimedia.

Students with an interest in all musical styles have opportunities to develop their performance skills, both in the solo and ensemble context, as well as having the option of performing items for public performance.

Students learn to work in small groups and therefore to cooperate with others, while developing the skills of self-evaluation and personal growth. Music also develops valuable motor and co-ordination skills, builds self-confidence, enhances the intellect and provides enjoyment and cultural enrichment.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hour course	Module B 100 hour course
<ul style="list-style-type: none">• Australian Music• Musicology• Music for Radio, Film, Television & Multimedia• Performing and Composing Music	<ul style="list-style-type: none">• Performing and Composing Music• Australian Music (continued)• Musicology• Popular and Rock Music

PHOTOGRAPHIC & DIGITAL MEDIA

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

Photographic and Digital Media provides opportunities for students to enjoy making and studying a range of photographic and digital media works. They do this in still, interactive and moving forms. They learn to represent their ideas and interests with reference to contemporary trends and how photographers, videographers, film-makers, computer or digital and performance artists make photographic and digital media works.

Students are required to produce a Photographic and Digital Media portfolio and keep a Photographic and Digital Media journal.

Still	Interactive	Moving
<p>Any of the following:</p> <ul style="list-style-type: none"> • photographic media including, camera-based works, digital media in printed form • manipulated images including collage, montage and image transfers • enhanced images derived from wet photography • computer-generated images • installation works • other still photographic and digital forms may also be included 	<p>Any of the following:</p> <ul style="list-style-type: none"> • computer-generated images • web design • internet art • performance works • installation works • other interactive photographic and digital forms may also be included 	<p>Any of the following:</p> <ul style="list-style-type: none"> • video • film • animation • performance works • installation works – time based • other moving photographic and digital forms may also be included

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hour course	Module B 100 hour course
<ul style="list-style-type: none"> • Historical and Critical Studies of Photography • Landscapes and botanical photography • Portrait Photography • Graphic Design • Photoshop • Surrealism 	<ul style="list-style-type: none"> • Origins of Moving Pictures • The digital image a Post Modern view • Digital Dreaming - Short film • Every picture, tells a story • Photo-Journalism • The Animated picture • Artists Choice

PHYSICAL ACTIVITY & SPORTS STUDIES

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

The course is designed for students with a genuine interest in physical activity and sport. The course encourages students to enjoy learning, and to be self-motivated, reflective, competent learners. It incorporates a wide range of lifelong physical activities, including recreational, leisure and adventure pursuits competitive and non-competitive games, individual and group physical fitness activities, and the use of physical activity for therapy and remediation. Students will be involved in coaching Year 7 Gala Day teams and officiating at Primary Schools Sports Carnivals.

The course aims to:

- develop a foundation for efficient and enjoyable participation in physical activity and sport
- develop knowledge and understanding about the contribution of physical activity and sport to individual, community and societal wellbeing
- enhance the participation and performance of themselves and others in physical activity and sport
- develop the personal skills to participate in physical activity and sport with confidence and enjoyment.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none"> • Body, systems and energy • Physical Fitness • Fundamentals of movement skill development • Physical activity and sport for specific group • Coaching • Enhancing Performance 	<ul style="list-style-type: none"> • Nutrition and physical activities • Australia's sporting identity • Issues in physical activity and sport • Technology, participation and performance • Fundamental movement skills • Participating with safety

TALENTED TECHNOLOGY PROGRAM

- *This course is offered as a 200 hour elective.*
- *This course is available only to those students who are enrolled in the Talented Technology Program*

This elective stream is targeted for those students who gained entry into the technology program at the beginning of year 7. Each year, the cohort of students differ, particularly with their passions and areas of interest and in response, flexibility through student voice will guide the direction of study for students in this program in years 9 and 10. Students involved in the program have been led through the three course directions in more detail within class.

The following outlines the three technology options available for Years 9 and 10.

- Talented Technology Program
- Information Processes and Technology – Stage 6
- Industrial Technology Multimedia – Stage 6

The Course Options

Talented Technology Program

Students in this program are provided with unique experiences in areas of technology project work that interest them, combining creativity with collaborative problem-solving. They will undertake project work that gives them exposure to real-world applications in areas of student's individual choice. Examples of projects would include:

- Movie Making
- Graphic Design
- Robotics
- Graphic drawing and 3-D printing
- Programming
- Electronics
- Other areas through discussion with the teacher

Information Processes and Technology – Stage 6

Students who study this course will achieve their Higher School Certificate in Information Processes and Technology by the end of year 10.

Information Processes and Technology is the study of a broad selection of computer-based information systems with a specific focus on the function of information processes and information technology. In addition, the course aims to provide students with the opportunity to learn about project management and the fundamental role of the Project Manager.

Industrial Technology Multimedia – Stage 6

Students who study this course will achieve their Higher School Certificate in Industrial Technology Multimedia by the end of year 10.

Industrial Technology Multimedia Stage 6 aims to develop a student's knowledge and understanding of the Multimedia industry and its related technologies, highlighting the importance of design, management and production through practical experiences. Industrial Technology Stage 6 consists of Project Work and an 'Industry Study' that will develop a broad range of skills and knowledge related to Multimedia Technologies. This course requires students to undertake a Major Project in Year 12 that is externally HSC marked.

VISUAL ARTS

- *This course is offered as a 200 hour elective.*
- *This course is offered as a 100 hour elective.*

This course builds on the art making and studying activities experienced by students in the Mandatory Course in Years 7 and 8 and provides further extension and depth of study in the Visual Arts.

Through the exciting learning opportunities provided in this course, students can develop their abilities to investigate the areas of their own interest in the Visual arts in more independent ways. By exploring the potential of various materials, techniques and styles, students will give form and meaning to their ideas, feelings and experiences about the world around them. This will help foster a positive self-concept.

Students can engage in many forms of art making. These can include:

- | | |
|-------------|-------------------|
| Drawing | Video |
| Printmaking | Sculpture |
| Painting | Computer Graphics |
| Ceramics | |

This course will enable students of any ability to develop creative skills in a wide range of art making practices and to develop their appreciation of art in critical and historical contexts.

The Course Topics

Year 9 - 2021	Year 10 - 2021
Module A 100 hours	Module B 100 hours
<ul style="list-style-type: none">• The Human Form• The Land• Artist's Choice	<ul style="list-style-type: none">• Conflicts and Resolutions• Fantasy and Surrealism• Artist's Choice