

STAGE 5 HANDBOOK



Years 9 & 10
2024 - 2025

*An engaged community of learners that
together build positive futures*

**If this booklet is lost
please return to**

CONTENTS

1. Introduction	3
2. Message to Students	3
3. Message to Parents	3
4. The Golden Rules for Choosing Elective Subjects	4
5. Some Common Questions	4
6. What is the Record of School Achievement (RoSA)?	5
7. Eligibility Requirements	5
8. Stage 5 Courses on offer for 2024 (with Course Fees)	6
9. Elective Course Descriptions	7 – 21

INTRODUCTION

This package has been prepared to provide students in Year 8 and 9, with information about the curriculum on offer for Stage 5 (Years 9 & 10). Stage 5 of secondary school prepares students for senior studies and achieving **Record of School Achievement (RoSA)** or the award of a **Higher School Certificate (HSC)**.

Unlike Stage 4 (Years 7 & 8) where the curriculum is compulsory and determined by the NESA for all schools, Stage 5 allows some flexibility for students to choose elective subjects. Although the “core” subjects of English, Mathematics, Science, History, Geography and PDHPE are still compulsory, students are allowed to select three elective subjects in Year 9 of which they study in Years 9 & 10.

In the following pages, each of the elective subjects has information provided to assist in the selection process. In addition to a brief outline of the course content, information is provided on subject contributions (if any) and assessment processes. Students are encouraged to talk to their various teachers about the subjects on offer so they are able to make a fully informed selection.

MESSAGE TO STUDENTS

You are advised to select your elective subjects carefully after reading this package thoroughly, talking to your teachers and discussing it with your parents. It is very unwise to choose a subject just because your friend has chosen it or you like the teacher. A friend’s interests and abilities may be quite different to your own and the teacher may not be the one taking your class next year.

MESSAGE TO PARENTS

Parents have a pivotal role in the subject selection process as an adviser to their children.

Your child should be encouraged to seek as much information about the various subjects on offer as is possible and then discuss this with you as their parent. Guidance through the process should certainly be given by parents with an emphasis being placed on directing your child to subjects that reflect their interests and which are likely to develop their innate talents.

It is best you discourage them following a friend into a subject that is obviously unsuitable as this may lead to disappointment at a later stage. It is also important to reinforce that subjects at this stage of secondary school are more about developing general skills rather than preparation for a specific career.

THE GOLDEN RULES FOR CHOOSING ELECTIVE SUBJECTS

- ABILITY** – Choose subjects you are good at
- INTEREST** – Choose subjects you are interested in
- MOTIVATION** – Choose subjects you really want to learn

REMEMBER:

- Doing subjects that you like and that you are interested in, makes life at school fun.
- Everyone is good at something! Doing subjects you are good at often makes life more rewarding.
- Don't choose subjects because your friends are – they have different abilities, interest and motivation.
- Don't choose subjects because you like a certain teacher. The teacher may not be here next year.

LASTLY:

Only do subjects that you are interested in and/or good at otherwise you may end up hating them or get bored, and often this means failing to do well.

SOME COMMON QUESTIONS

QUESTION: IF I DO NOT DO A SUBJECT IN YEARS 7 – 10 CAN I DO IT IN YEARS 11 AND 12?

You can take a subject in Years 11 and 12 that you did not take in Years 7 – 10. However, students who have studied the subject previously may have already picked up useful skills and knowledge.

QUESTION: ARE THERE DIFFERENT SUBJECTS FOR BOYS AND GIRLS?

Being male or female does not prevent you from being able to do any subject.

QUESTION: ARE SOME SUBJECTS HARDER THAN OTHERS?

Some subjects are harder or easier for different people depending on their own interests, abilities and motivation. You might find a particular subject easy to cope with even though others may have difficulty coping - and vice versa.

QUESTION: WHAT SUBJECTS WILL HELP ME GET A GOOD JOB LATER?

No one can answer this until they know more about you - your abilities, interests and goals. It is too soon for you to be narrowing down your career choices and selecting subjects accordingly. Look at which subjects interest you, which subjects you are good at, and which subjects motivate you. Career choice at this stage, is a secondary issue.

WHAT IS THE RECORD OF SCHOOL ACHIEVEMENT (RoSA)?

Eligible students who leave school before receiving their Higher School Certificate (HSC) will receive the NSW Record of School Achievement (RoSA). The RoSA is a **cumulative credential** in that it allows students to accumulate their academic results until they leave school.

The RoSA records completed Stage 5 and Preliminary Stage 6 courses and grades, and participation in any uncompleted Preliminary Stage 6 courses. It is of specific use to students leaving school prior to the HSC.

ELIGIBILITY FOR THE ROSA

To qualify for the RoSA, a student must have:

- Attended a government school, an accredited non-government school or a recognised school outside NSW.
- Completed courses of study that satisfy NESA's curriculum and assessment requirements for the RoSA.
- Complied with all requirements imposed by the Minister or NESA.
- Completed Year 10.

Students leaving school who do not meet the RoSA requirements will be issued with a printed Transcript of Study.

MANDATORY CURRICULUM REQUIREMENTS

Students are required to complete mandatory curriculum for the RoSA, across a range of core subjects:

- English
- Mathematics
- Science
- History/Geography/Civics and Citizenship
- Personal Development, Health and Physical Education

ATTENDANCE

Regular attendance at school is essential for effective learning as well as to ensure satisfactory completion of courses. The Principal may grant leave to a student for legitimate reasons such as illness or injury. If leave is granted then the absence will have no effect on course completion, provided all assessment tasks are caught up and missed work is completed.

However, an extensive period of unapproved absence may result in a student being declared as not meeting the requirements for completion of stage five and in eligible to proceed into stage six. This includes deliberate truancy from class and/or school.

PRINCIPALS N-DETERMINATION

'N' determinations are issued to students who do not complete the requirements for a course.

- The school will issue warning letters to students who are in danger of not meeting course completion criteria, giving the student time for the problem to be corrected.
- If a student has been given an 'N' determination in a mandatory course, they will not be eligible for the RoSA. If they leave school, they will receive a Transcript of Study that will list the mandatory course(s) for which an 'N' determination was given. The words 'Not completed' will appear next to each 'N' determined course.
- If a student is given an 'N' determination in a non-mandatory course, the course will not appear on their RoSA or Transcript of Study.

STAGE 5 ELECTIVE COURSES ON OFFER for 2024

KEY LEARNING AREAS	SUBJECT	COURSE FEES
Creative & Performing Arts	• Drama	\$15.00 / year
	• Music	\$20.00 / year
	• Visual Arts	\$30.00 / year
	• Visual Design	\$30.00 / year
English / Languages	• Italian	NIL
Human Society and its Environment (HSIE)	• Commerce Elective	NIL
	• Geography Elective	NIL
	• History Elective	NIL
	• International Studies	NIL
Personal Development, Health and Physical Education (PDHPE)	• Child Studies	NIL
	• Dance	NIL
	• Physical Activity & Sport Studies (PASS)	NIL
Technological & Applied Sciences	• Computing Technology	\$50.00 / year
	• Design & Technology	\$50.00 / year
	• Food Technology	\$85.00 / year
	• Industrial Technology – Metals	\$85.00 / year
	• Industrial Technology – Timber	\$85.00 / year

NOTES:

1. The *offer* of a course is NOT a guarantee that it will run.
2. The list of subjects that will run in 2024 will be finalised following the subject selection process.

COURSE: DRAMA

Fees: \$15.00 / Year

Course Description

This course introduces students to the concepts of Drama improvisation and play-building through the exploration of theatrical styles. The aim of the course is to engage and challenge students to maximize their dramatic abilities and enjoyment of drama and theatre through making, performing and appreciating dramatic theatrical works. Students will develop knowledge and skills, individually and collaboratively through:

- Making drama that explores a range of imagined and created situations in a collaborative (drama and theatre) environment.
- Performing devised and scripted drama using a variety of performance styles, dramatic forms and theatrical conventions to engage an audience.
- Appreciating the meaning and function of drama and theatre, reflecting the personal, social, cultural, aesthetic and political aspects of the human experience.

Who should study this course?

Students interested in performing on stage and studying acting techniques and styles, as well as aspects of theatrical production, would be well suited to Drama. Similarly, students wishing to increase their confidence and communication skills will benefit from the activities undertaken in Drama.

Main Topics Covered

All students undertake a unit of playbuilding in every 100 hours of the course. Playbuilding refers to a group of students collaborating to make their own piece of drama from a variety of stimuli. Other dramatic forms and performance styles are also studied. Examples of these include

- Improvisation
- Mime
- Script
- Puppetry
- Physical theatre

Students also learn about the elements of drama, various roles in the theatre, the visual impact of design, production elements and the importance of the audience in any performance.

Students learn to make, perform and appreciate dramatic and theatrical works. They devise and enact dramas using scripted and unscripted material and use acting and performance techniques to convey meaning to an audience. They learn to respond to, reflect on and analyse their own work and the work of others and evaluate the contribution of drama and theatre to enriching society.

Course Requirements

Students must be willing to participate in each of the learning experiences both practical and theoretical. Practical components involve performing for audiences and giving and receiving critical feedback.

COURSE: MUSIC

Fees: \$20.00 / Year

Course Description

The music course is designed for students who have a genuine interest in the serious study of performing, composing and listening to music of a wide variety of styles. Emphasis is placed on producing performances of a very high standard. To produce successful musical performances and to achieve well in this course, a student is expected to dedicate themselves to regular music practice in and outside of school hours every day. Students who are fully immersed in practice should experience success in music.

- Students learn foundational skills in the reading and interpretation of musical notation
- The development of analytical and critical listening skills is also very important in this course
- Vocal and/or instrumental abilities are highly recommended prior to commencing this course.

Who should study this course?

Students who already play an instrument and wish to develop their abilities as a musician, students who have a desire to learn an instrument and students who would like to improve their critical and creative thinking skills should choose Music.

Elective Music will provide you with performance, analysis and composition skills that will form a strong foundation should you continue to study music as a HSC subject.

Main Topics Covered

In both the Mandatory and Elective courses, students study the concepts of music (duration, pitch, dynamics and expressive techniques, tone, colour, texture and structure) through the learning experiences of performing, composing and listening, within the *context* of a range of styles, periods and genres.

The Mandatory course requires students to work in a broad range of musical contexts, including an exposure to art music and music that represents the diversity of Australian culture. The Elective course requires the study of the compulsory topic, Australian Music, as well as a number of optional topics that represent a broad range of musical styles, periods and genres.

In Music, students learn to perform music in a range of musical contexts, compose music that represents the topics they have studied and listen with discrimination, meaning and appreciation to a broad range of musical styles.

The study of the concepts of music underpin the development of skills in performing, composing and listening. The second year of this course will build on the knowledge and experiences gained in Year 9.

Course Requirements

Students must be willing to participate in each of the learning experiences both practical and theoretical. It is expected that students will engage in regular music practice in and outside of school hours every day.

COURSE: VISUAL ARTS

Fees: \$30.00 / Year

Course Description

Visual Arts provides opportunities for students to enjoy the making and studying of art. It builds an understanding of the role of art in all forms of media, both in the contemporary and historical world, and enables students to represent their ideas and interests in artworks. Visual Arts enables students to become informed about, understand and write about their contemporary world.

Students learn about the pleasure and enjoyment of making different kinds of artworks in 2D and 3D forms. They learn to represent their ideas and interests with reference to contemporary trends and how artists, including painters, sculptors, architects, designers, photographers and ceramists, make artworks.

Students learn about how art is shaped by different beliefs, values and meanings by exploring artists and artworks from different times and places and relationships in the artworld between the artist – artwork – world – audience. They also explore how their own lives and experiences can influence their artmaking and critical and historical studies.

Who should study this course?

You should study visual arts if you have the drive to push yourself creatively; to create artworks that build on your skills and to develop your knowledge on the artworld. Visual arts students should have an enjoyment in artmaking.

This course develops your artmaking and writing skills that will support your understanding if you wish to pursue creative arts courses in Stage 6.

Main Topics Covered.

An example of topics covered include:

- **The Natural World:** Students will explore the world around them as a source of inspiration for their artmaking. Students will study the artmaking practice of Australian artists and the genre of the landscape.
- **Street Art:** Students will explore how artists produce artworks outside of the gallery setting. They will then use this knowledge to create a street art inspired artwork.
- **It's hip to be square: The modern art movements:** Students develop their understanding of the modern art movements with a focus on cubist art movement. They will study the different techniques of cubism in order to create a cubist still life painting.
- **Social Commentary:** Students will examine how artists use art as a platform to comment on society. Students will study the work of contemporary artists that use art to make the audience think about and re-evaluate their world.

Course Requirements

Visual Arts students are required to have a desire to learn about the artworld with a positive attitude in terms of trying new ways of artmaking in order to develop their skills.

Students must be willing to participate in every learning experience both practical and theoretical.

COURSE: VISUAL DESIGN

Fees: \$30.00 / Year

Course Description

Visual Design provides opportunities for students to enjoy making and studying visual design artworks and to become informed about, understand and write about their contemporary world. It enables students to represent their ideas and interests about the world in visual design artworks and provides insights into new technologies, different cultures, and the changing nature of visual design in the 21st century. Students are provided with opportunities to make and study visual design artworks in greater depth and breadth than through the Visual Arts elective course.

Students learn about the pleasure and enjoyment of making different kinds of visual design artworks in print, object and space–time forms. They learn to represent their ideas and interests with reference to contemporary trends and how web designers, architects, commercial and industrial designers, space, light and sound designers, graphic designers and fashion, accessory and textile designers make visual design artworks.

Who should study this course?

You should study visual design if you want to learn how to design and create products for specific purposes and audiences. Visual design students should have an interest in some of the following: fashion design, graphic design, product design, architecture, interior design, landscape design, jewellery design, video, image, light and sound design and web design.

This course develops your artmaking and writing skills that will support your understanding if you wish to pursue creative arts courses in Stage 6.

Main Topics Covered

An example of topics covered include:

- **Elements Book Design:** Students will learn about the elements and principles of design. Through the study of an everyday object, students will design a 12-page book.
- **Logo and Branding Design:** Students will develop their own logo and branding for a specific audience. They will apply the branding to a range of clothing such as shoes and t-shirts.
- **Manga character design:** Students will create their own Manga character through the study of manga and cartoon artists. They will develop a comic strip based on their character background and research.
- **Interior Design:** Students will write their own design brief and undertake research to create a moodboard. This will inform a design of their dream bedroom and produce a miniature model.
- **Packaging Design:** Students will research the pet food marketing industry. Using existing packaging design as basis, students will design and create their own pet food packaging and accompanying advertisement.

Course Requirements

Visual Design students are required to have a desire to learn about the artworld with a positive attitude in terms of trying new ways of artmaking in order to develop their skills.

Students must be willing to participate in every learning experience both practical and theoretical

Course Description

Students who elect to study Italian will develop the ability to comprehend a variety of language texts on varied topics. Students will enhance their communication skills by discussing topics in Italian that are relevant to everyday life and will also experience authentic language acquisition through a variety of online activities and cultural activities, for example, an excursion to Leichhardt where students have the opportunity to visit The Italian Forum and Norton Street and also experience a delicious Italian lunch comprising of a variety of pizza, pasta and garlic bread and gelato. Students interested in the culture, history and language of Italy should study this course.

Main Topics Covered**1. Amici del Cuore (Best Friends)**

Students will learn how to:

- to greet others and introduce themselves
- describe personality
- describe physical appearance
- obtain and provide information to compile an ID card

2. Saluti dall'estero (Greetings from abroad)

Students will learn how to:

- say what country they and other people are from
- say what nationality they and other people are
- say what languages they and other people speak

3. Ciao Italia! (Famous landmarks, immigration & Italians in Australia)

Students will learn how to:

- appreciate regional and cultural differences in Italy
- read and interpret statistics on Italian immigration to Australia
- read and interpret statistics on how many people speak Italian in Australia
- read and conduct an interview on Italian immigration
- write letters and postcards in Italian

4. Cibi deliziosi (Delicious Italian Food)

Students will learn how to:

- order food and drinks in a restaurant
- express likes and dislikes in relation to food and drink
- follow instructions for popular Italian recipes

Course Description

Commerce will help students to actively participate in society by allowing students to gain knowledge and an understanding over a range of areas that influence their daily lives. It combines practical activities with theory.

Who should study this course?

Students who want to understand how the world around them operates

Main Topics Covered

Towards Independence – Students learn how to become independent members of society

Travel – Students learn how to organise an itinerary and budget their personal travels

Running a business – Students learn how to run a business through running a class business

Promoting and selling – Students investigate how businesses promote and sell their product and use this knowledge when running their class business

Employment and work futures – Students learn about their rights in the workplace and how to apply themselves as an employee

Law Society and Political involvement – Students develop an understanding of Australia's legal system

Economic and Business environment – Students develop an understanding of how the economy operates

Consumers and financial decisions – Students learn about their rights as a consumer

Course Requirements

Nil

COURSE: GEOGRAPHY ELECTIVE**Fees: NIL****Course Description**

Elective Geography provides students with an opportunity to develop their interest in a range of areas whilst becoming engaged and independent learners.

Who should study this course?

Students who want to take a more hands on approach to their learning whilst studying issues that impact upon themselves.

Main Topics Covered

- **Oceanography** – Students dive into the unknown of the deep blue sea, and consolidate theory with a fieldwork journey to the aquarium
- **Transects** – Students travel from one end of a country examining the different human and physical environments, countries examined include the U.S.A. and Australia
- **Australia's neighbours** – Students explore our neighbouring countries through immersing themselves in their culture
- **Physical Geography** – Students develop an understanding, and appreciation for, the weird and wacky world around us

Course Requirements

Nil

Course Description

Elective History allows students to examine different areas of history and develop and share their own perspectives on historical places, people and events.

Who should study this course?

Students who have an interest in a variety of historical areas.

Main Topics Covered

- **Ancient Civilisations** – Students will delve deep into an ancient civilisation and immerse themselves as a citizen of the civilisation: What was life like? Would they be spared from being a human sacrifice?
- **World Myths and legends** Students will have the opportunity to investigate and come to their own conclusions regarding the many myths and legends that exist today
- **Local History** – Students discover the History on our doorstep, and participate in local site studies
- **Heroes and Villains** – Students become the judge, determining whether significant individuals from our past are in fact a hero or a villain
- **Music and Films in history** – Students investigate how music and film portray the past and reflect societies opinions on major historical events. Are music and films that accurate? Or are there some myths created for the purpose of entertainment?
- **Gender in the past** – How has gender been viewed in the past by society and the people in power
- **Crime and Punishment** – Students investigate the crime and punishment system throughout history and who some of the biggest criminals in the world were. Where they treated fairly or unfairly?

Course Requirements

Nil

Course Description

International Studies provides students the opportunity to investigate and engage with their own cultures, whilst developing an appreciation of the rich and unique multiculturalism that exists in Australia.

Who should study this course?

Students who want to share their own culture whilst learning about others.

Main Topics Covered**Topic 1: Culture and Cultural Diversity in the Contemporary World (Core Study)**

Students will investigate examples of cultural expression and examples of cultural diversity in the contemporary world. Students will be able to examine various cultures in detail and, look at a range of issues from different perspectives.

Topic 2: Culture and Film and Literature

Students will investigate how cultures are portrayed in film and determine the accuracy of these portrayals. Students will have the opportunity to express their own culture through film or literature.

Topic 3: Culture and Travel

Students will investigate reasons for travel, such as tourism, business, leisure, cross-cultural experiences, family reunions, education, pilgrimages and sports events, whilst developing an understanding of the benefits of travel.

Topic 4: Culture and Food

Students will investigate different cuisines in regions around the world and explore how food and diet is an important element of cultural identity. Students will have the opportunity to try different cultural foods and learn the art of eating in different countries.

Course Requirements

Nil

COURSE: CHILD STUDIES

Fees: Nil

Course Description

Child Studies aims to develop in students the knowledge, understanding and skills to influence the wellbeing and development of children in the critical early years in a range of settings and contexts. Throughout the course students will develop skills that enhance their ability to:

- Support a child's development from pre-conception through to and including the early years
- Positively influence the growth, development and wellbeing of children
- Consider the external factors that support the growth, development and wellbeing of children
- Research, communicate and evaluate issues related to child development

Who should study this course?

This course is ideal for any student wishing to pursue a career in Early Child Care or to acquire practical parenting skills for later in life

Main Topics Covered

- Preparing for parenthood
- Conception to birth
- Family interactions
- Newborn care
- Growth and development
- Play and the developing child
- Health and safety in childhood
- Food and nutrition in childhood
- Children and culture
- Media and technology in childhood
- Aboriginal cultures and childhood
- The diverse needs of children
- Childcare services and career opportunities

Course Requirements

An interest in child growth and development during the early years.

COURSE: DANCE

Fees: Nil

Course Description

Dance provides students with opportunities to experience and enjoy dance as an artform as they perform, compose and appreciate dance. In an integrated study of the practices of performance, composition and appreciation, students develop both physical skill and aesthetic, artistic and cultural understandings. The course enables students to express ideas creatively and to communicate physically, verbally and in written forms as they make, perform and analyse dances and dance forms.

Who should study this course?

Students who enjoy dance and performance

Main Topics Covered

The course is divided into three sections:

- Performance - Developing technique and performance quality to communicate ideas through a variety of dance styles. Students develop an understanding of dance as an art form and how the body moves safely, with an emphasis on the quality and efficiency of movement.
- Composition - Opportunities to create and structure movement to express and communicate ideas. Devising original and interesting ways for the body to respond.
- Appreciation - Involves describing and analysing dance as an expression of ideas within a social, cultural or historical context. Developing an understanding of why people dance, the messages they try to communicate and how this has changed throughout history.

Course Requirements

An interest in dance and willingness to perform.

Course Description

Physical Activity and Sports Studies aims to enhance students' capacity to participate effectively in physical activity and sport, leading to improved quality of life for themselves and others. Students engage in a wide range of physical activities in order to develop key understandings about how and why we move and how to enhance quality and enjoyment of movement.

Throughout the course students develop knowledge, understanding and skills that develop their ability to:

- work collaboratively with others to enhance participation, enjoyment and performance in physical activity and sport
- display management and planning skills to achieve personal and group goals in physical activity and sport
- perform movement skills with increasing proficiency
- analyse and appraise information, opinions and observations to inform physical activity and sport decisions.

Who should study this course?

Recreation, physical activity, sport and related health fields provide a number of career pathways. This course provides students with a broad understanding of the multifaceted nature of these fields. It also introduces students to valuable and marketable skills in organisation, leadership and communication. Students with these skills will be positioned to make a strong contribution to their community as physical activity and sport provides a major context for both voluntary and paid work across Australia.

Main Topics Covered

The content of the elective is organised in modules within the following three areas of study:

Foundations of Physical Activity

- Body systems and energy for physical activity
- Physical activity for health
- Physical fitness
- Fundamentals of movement skill development
- Nutrition and physical activity
- Participating with safety

Physical Activity and Sport in Society

- Australia's sporting identity
- Lifestyle, leisure and recreation
- Physical activity and sport for specific groups
- Opportunities and pathways in physical activity and sport
- Issues in physical activity and sport

Enhancing Participation and Performance

- Promoting active lifestyles
- Coaching
- Enhancing performance - strategies and techniques
- Technology, participation and performance
- Event management

Course Requirements

A willingness to engage in a variety of practical sports and physical activities.

COURSE: COMPUTING TECHNOLOGY

Fees: \$50.00 / Year

Course Description

Computing Technology develops students knowledge and understanding, confidence and creativity in analysing, designing, developing and evaluating information and software technology solutions. Students can expect to work and live in environments requiring highly developed levels of computing and technological literacy. Current technologies are becoming obsolete at a rapid rate and new generations will need to be flexible to accommodate changes as they emerge. It is important that students learn about, choose and use appropriate information and software technology and develop an informed awareness of its capacities, scope, limitations and implications. Technological competence in the rapidly evolving area of information and software technology will require lifelong learning.

Who should study this course?

Students who have a genuine interest in Computing and all its applications should consider that Computing Technology may be suited to them. Current technologies are becoming obsolete at a rapid rate and new generations will need to be flexible to accommodate changes as they emerge. This subject is for students who want to have the appropriate information to make informed choices about IT applications. Students will undertake a range of practical experiences that occupy the majority of course time.

Main Topics Covered

In this course students learn about the process of software development, including basic programming concepts, algorithms and functions of programming languages. Students learn to design, produce and evaluate a range of projects based around automated control, from traffic lights to computer assembly and probes to other planets. It allows students the opportunity to explore a range of automated systems and robots. 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.

Course Requirements

An interest in computers technology and access to a laptop or computer with internet access at home.

COURSE: DESIGN & TECHNOLOGY

Fees: \$50.00 / Year

Course Description

The study of Design & Technology helps students to develop an understanding of timber, metal, acrylic and graphic processes used by professional designers in their daily work environments. Related knowledge and skills are developed through a specialised approach to tools, materials and techniques employed in the planning, development, construction and evaluation of quality practical projects and processes. Critical thinking skills are developed through engagement with creative practical problem-solving activities.

Who should study this course?

Students who are self-directed learners, thrive on mystery and enjoy problem solving should consider Design and Technology. The course will develop a student's ability for innovative and creative thought through the planning and production of design projects related to real-life needs and situations. The design and development of quality projects gives students the opportunity to identify needs and opportunities, research and investigate existing solutions, analyse data and information, generate, justify and evaluate ideas, and experiment with tools, materials and techniques to manage and produce design projects. Students will undertake a range of practical experiences that occupy the majority of course time.

Main Topics Covered

Students investigate the processes of design and technology in a responsible, safe, ethical and collaborative manner and in a range of design fields. Present and emerging technologies, innovation, enterprise and exploring preferred futures are considered in relation to their impact on society and environments.

Students will learn to identify, analyse and respond to needs through research and experimentation leading to the development of quality design projects. They will learn to access, manage and safely use a range of materials, tools and techniques to aid in the development of design projects and to critically evaluate their own work and the work of others. Project management skills will be developed through individual design projects.

Course Requirements

Students must undertake a range of practical experiences that occupy the majority of course time whilst still participating in the theoretical component. All students must always wear leather shoes and adhere to WH&S issues during practical lessons.

COURSE: FOOD TECHNOLOGY

Fees: \$85.00 / Year

Course Description

The study of Food Technology provides a broad knowledge and understanding of food properties, processing, preparation and their interrelationships, nutritional considerations and consumption patterns. It addresses the importance of hygiene and safe working practices and legislation in the production of food. Students develop practical skills in preparing and presenting food that will enable them to select and use appropriate ingredients, methods and equipment.

Who should study this course?

Students who wish to explore the richness, pleasure and variety that food adds to life should consider that Food Technology might be a suitable choice. Food Technology contributes to vocational and general life experiences through theory and practical applications. There is the opportunity to learn valuable information about nutrition, food science, health, the cultural significance of food, decoration, presentation and the skills of a master chef's kitchen. Students will undertake a range of practical experiences that occupy the majority of course time.

Main Topics Covered

Students will learn about food in a variety of settings, enabling them to evaluate the relationships between food, technology, nutritional status and the quality of life. The following focus areas provide an example of how the core concepts of Food Technology will be studied.

Food Selection and Health: Students design and prepare foods to meet the needs of different groups including evaluating nutritional food guides and analysing the nutritional value of foods.

Food Trends: Students identify and compare past and present food trends, discuss how the media promote new food trends, create an innovative marketing concept, produce an image of styled food using computer technology.

Food Product Development: Students explore the purpose, characteristics and diversity of new food products, analyse the success of a range of marketing and promotional techniques and apply these to a new food product.

Service and Catering: Students examine the operations and contribution of different food service ventures, design, plan and prepare food for functions and create a proposal for a small food business

Course Requirements

Students must undertake a range of practical experiences that occupy the majority of course time whilst still participating in the theoretical component. All students must always wear leather shoes and adhere to WH&S issues during practical lessons.

COURSE: INDUSTRIAL TECHNOLOGY – METALS

Fees: \$85.00 / Year

Course Description

Industrial Technology – Metal aims to develop safe working attitudes and practices in the Metal Workshop. It encourages confidence in the skilful manipulation of metal products, machines, hand tools and power tools. This subject will give a sense of purpose, enjoyment and personal satisfaction enabling the acquired skills to be used beyond the school environment.

Who should study this course?

Students interest in using and developing their creative and problem solving skills using Industrial Technology - Timber and also if you enjoy a practical, project based approach to learning should consider choosing this course. Students should also choose this subject if considering a future vocation in the Metal Machining, Fabrication or Sheet Metal manufacturing industry. Students will undertake a range of practical experiences that occupy the majority of course time.

Main Topics Covered

The Metal course follows the core modules of General Metal and Fabrication , which covers Welding, Machining and Sheet Metal work. Individual modules focus on Occupational Health and Safety, Tools, Skills, Design, Links to Industry, Workplace Communication and Societal and Environment impact.

Students will make a range of metal projects over the 2 year course. They will learn skills in the use of all workshop machinery and equipment. This includes the bending machine, lathes. hand-power tools and welding processes. Practical projects will reflect the nature of the Metal focus area and provide opportunities for students to develop specific knowledge, understanding and skills associated with metal-related technologies. These will include fabricated and metal machining projects as well as sheet metal products.

Course Requirements

Students must undertake a range of practical experiences that occupy the majority of course time whilst still participating in the theoretical component. All students must always wear leather shoes and adhere to WH&S issues during practical lessons.

COURSE: INDUSTRIAL TECHNOLOGY – TIMBER

Fees: \$85.00 / Year

Course Description

The Timber focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the timber and associated industries. Students will study the range of tools, machines and processes available in both industrial and domestic settings for working with selected materials. Students will learn about safe practices for practical work environments, including risk identification and minimisation strategies. Students investigate Work Health and Safety (WHS) matters and related work environments while developing a range of skills that equip them for future learning and potential vocational pathways.

Who should study this course?

Students should choose this subject if you have an interest in using and developing your creative and problem solving skills using Industrial Technology - Timber and also if you enjoy a practical, project based approach to learning. Students should also choose this subject if considering a future vocation in the carpentry, wood machining or building construction industry. Students will undertake a range of practical experiences that occupy the majority of course time.

Main Topics Covered

Core modules develop knowledge and skills in the use of materials, tools and techniques related to construction materials. Practical projects undertaken reflect the nature of the focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to technologies. These may include: furniture items, decorative timber products, storage and storage and display units.

Students will learn to select and use a range of materials for individual projects. They will learn to competently and safely use a range of hand tools, power tools and machines to assist in the construction of projects. They will also learn to produce drawings and written reports to develop and communicate ideas and information relating to projects. Critical thinking skills are developed through engagement with creative practical problem-solving activities.

Course Requirements

Students must undertake a range of practical experiences that occupy the majority of course time whilst still participating in the theoretical component. All students must always wear leather shoes and adhere to WH&S issues during practical lessons.