

WILLYAMA HIGH SCHOOL

Year 9-10 Elective Curriculum Handbook 2025

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Connect, Inspire, Excel – Together at Willyama High School

Contents

Contributions for Subject Costs	51	4
A MESSAGE TO PARENTS		4
Instructions for 2024 Online Elective Subject Selections		6
Aboriginal Studies		9
Agricultural Technology		11
Child Studies		13
Dance		17
Drama		19
Food Technology		20
Geography (Elective)		22
Graphics Technology		24
History (Elective)		26
Industrial Technology		28



Computing Technology		31
International Studies		35

iSTEM	37
Languages (Chinese)	39
Music	41
Philosophy	
Photographic and Digital Media	43
Psychology	
Physical Activity and Sports Studies	47
Textiles Technology	49
Visual Arts	53
Visual Design	55
Contributions for Subject Costs	57
General School Contribution	57
Contributions for Subject Costs	51

A MESSAGE TO PARENTS

This guide has been prepared to assist you and your child in making decisions which are very important to their future.

For 2024 your child will be required to choose three Elective courses which they will be required to study in Years 9 and 10.

While it is important that the student prepares at school for a future occupation, it is also important that the student receives the type of broad education from which a variety of occupation choices may stem. It is particularly important that the student has the best possible preparation for taking part in a society that is subject to rapid change and increasing diversity.

This booklet is designed to indicate to you and your child the range of elective courses being offered so that the best possible choice may be made for your child.

An important point that must be made clear is that these choices are final and may not be changed unless exceptional circumstances arise.

You should seek advice if you are uncertain in any way. Study the courses offered, and then talk to the Head Teachers, who will be able to tell you about the courses they supervise. Remember that courses change and the advice that you receive from older students may be misleading.

Your child should remember -

- 1) To choose courses that they are interested in.
- 2) NOT to choose a course simply because friends have chosen it.
- 3) NOT to choose a course because they like a particular teacher - that teacher may not be at this school next year or may not be teaching the course.
- 4) NOT to choose a course just because an elder brother or sister has done it.

If you and your child find it difficult to reach a final decision, you should have a discussion with the Head Teachers, Year Adviser or Deputy Principal.

This is a very important decision. Please read this guide carefully and seek additional advice if necessary.

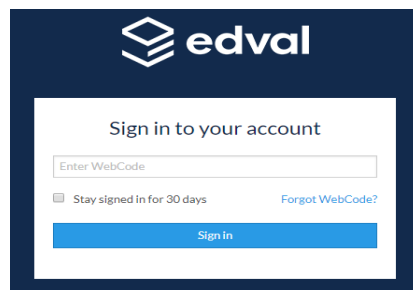
Grant Shepherd
Principal

Instructions for 2024 Online Elective Subject Selections

1. Before you begin, make sure that you have access to a printer from the computer on which you are making your selections, as you will need to print out your approval form.
2. The closing date for selections is Monday 18th September at 5pm.
3. Please do not leave it until the last moment to make your selections because if there is a problem you may not have access in time.
4. All subject selections will be downloaded after the closing date. Selections submitted by the closing date will have equal priority.

Step 1 Open the email you received and click on the link, or type in <https://my.edval.education/login> after you open the Internet. Online subject selection for 2024 will only be available from Monday 11th September 2023.

Step 2 You are now at the Edval Web choice login page. Enter your five digit Login code (in email) into the Login box and then click the Login button.



Step 3 Carefully read the instructions at the top and right side of the page. Choose one subject from all the drop down boxes.

Yr9 Electives

Main Units			Reserve Units		
	Subject	Units		Subject	Units
Priority 1	No selection	0	Reserve 1	No selection	0
Priority 2	No selection	0	Reserve 2	No selection	0
Priority 3	No selection	0			
		Total			Total
		0			0

Step 4 Press the submit button. If there are no problems with your selections you will be taken to a new page confirming your choices. You will need to print this page.

Note: If you do not complete your selections correctly according to the instructions, you will receive a message, and you will need to make a change. Make your change and then click on Submit again. You may get another message if something else is not correct. Please continue following the instructions until you have successfully submitted.

Step 5 Print your completed sheet and ask a parent/caregiver to sign it. Hand it directly to the Mathematics staffroom.

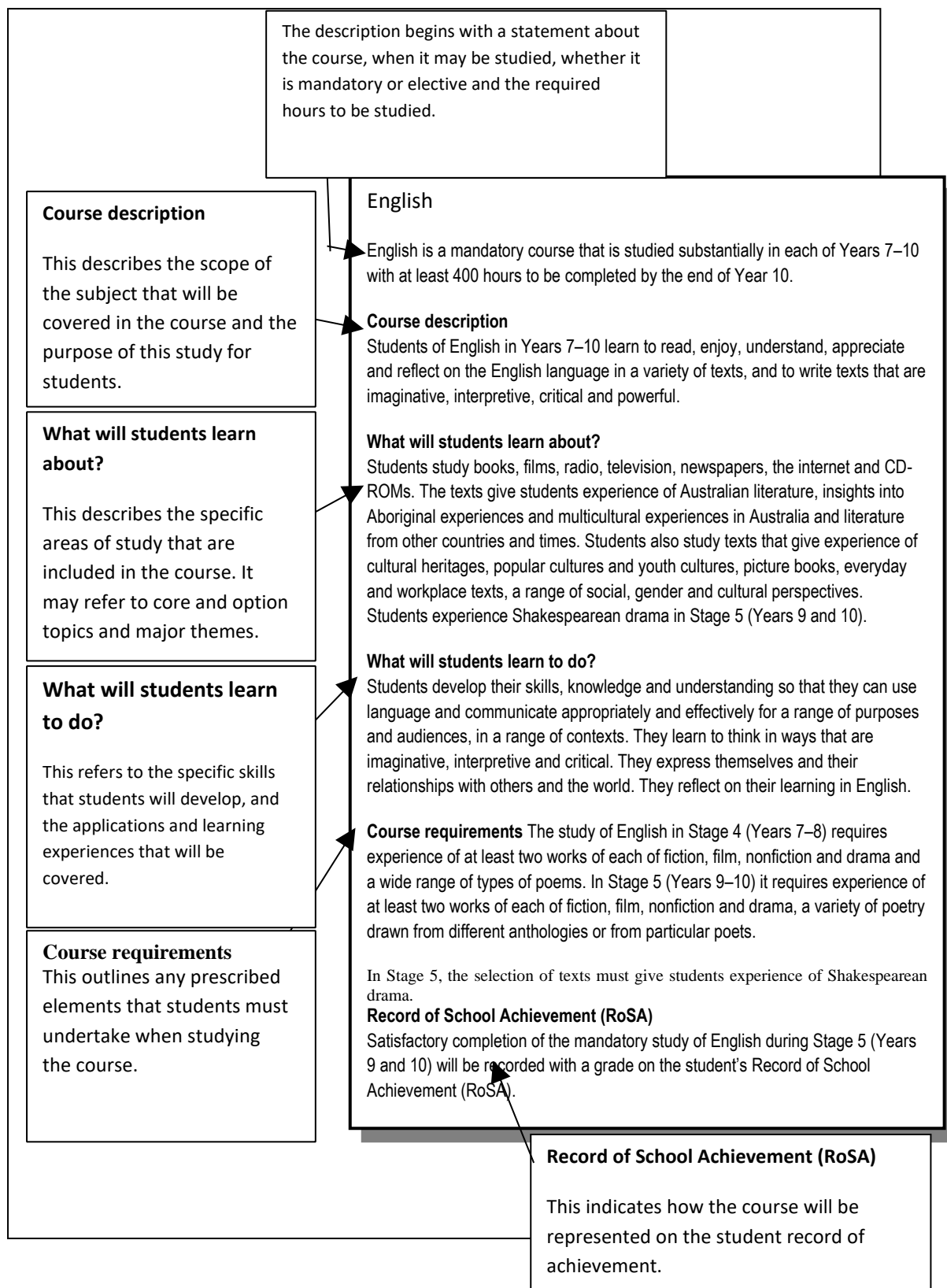
Step 6 You may log in as many times as you like to make changes to your selections up until the closing date of Monday 18th September at 5pm.

Step 7 If you are having difficulty logging in; check that you have entered your webcode correctly. If you have difficulty in submitting your selections, re-read the instructions. If you continue to have difficulty with the online subject selection process, please see Miss M Millstead or Miss R Millstead in the Maths staffroom or post a message in your Year 8 2023 Team - 8 into 9 Subject Selections channel and one of them will respond to you.

Note: **Every effort is made to give students their choice of subjects, but this will not always be possible.**

DO NOT LEAVE YOUR SELECTION OF CHOICES UNTIL THE LAST MINUTE IN CASE YOU REQUIRE HELP FROM STAFF AT SCHOOL

The overviews are presented in the format below.



Aboriginal Studies

Aboriginal Studies is a 200-hour course when studied as an elective in Years 9-10.

Course Description

Aboriginal Studies provides students with opportunities to develop knowledge and understanding of Aboriginal Peoples, histories, cultures and experiences. It is designed for all students and is of value to both Aboriginal and non-Aboriginal students.

What will students learn about?

Students undertaking the 200-hour course in Aboriginal Studies will complete a study of the TWO Core Study Topics and the additional study of 6 options.

Students learn about the diversity of Aboriginal Peoples' identities, cultures and communities, which are interconnected with Country and spirituality. They learn about the dynamic nature of cultural expression, and the maintenance of Aboriginal identities and cultures. They also develop understanding of the importance of self-determination and autonomy for the ongoing contribution and success of Aboriginal Peoples and communities. Students study historical and contemporary experiences of Aboriginal Peoples, factors that influence non-Aboriginal peoples' perceptions of Aboriginal Peoples and cultures, and the effects of these perceptions. They learn about the range of interactions and relationships between Aboriginal Peoples and non-Aboriginal people, and the continued roles of Aboriginal Peoples and communities locally, regionally, nationally and internationally.

What will students learn to do?

Through their study of core and option topics, case studies and research, students develop knowledge, understanding, skills, values and attitudes that are of value to their personal, social, cultural, academic and professional development, and enable them to become active and informed advocates for a just and inclusive world.

Students will develop an understanding of community consultation protocols that enable them to engage respectfully and responsibly with their local Aboriginal community and other Aboriginal communities. They learn about the importance of Indigenous Cultural and Intellectual Property (ICIP), and ethical research practices to gather, protect and interpret data. In their research, students will develop skills in the use of a range of research techniques and technologies to locate, select, organise and communicate information and findings.

Record of School Achievement

Satisfactory completion of 200 hours of study in Aboriginal Studies during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment.

Agricultural Technology

Agricultural Technology is an elective course that can be studied for 100 hours in Stage 4 and 200 hours in Stage 5. It builds on the knowledge, skills and experiences developed in the Technology (Mandatory) Years 7–8 Syllabus.

Course Description

Students will experience aspects of an agricultural lifestyle through direct contact with plants and animals and a variety of outside activities. They explore the many and varied career opportunities in agriculture and its related service industries.

Students investigate the viability of Australian agriculture through the careful management of issues relating to the sustainability of agricultural systems, as well as the relationships between production, processing and consumption.

The study of a range of enterprises allows students to make responsible decisions about the appropriate use of agricultural technologies.

What will students learn about?

The essential content integrates the study of interactions, management and sustainability within the context of agricultural enterprises. These enterprises are characterised by the production and sale or exchange of agricultural goods or services, focusing on plants or animals or integrated plant/animal systems. The local environment will be considered in selecting enterprises, as will the intensive and extensive nature of the range of enterprises to be studied.

What will students learn to do?

Students will spend approximately half of the course time on practical experiences related to the chosen enterprises, including fieldwork, small plot activities, laboratory work and visits to commercial farms and other parts of the production and marketing chain. The skills of designing, investigating, using technology and communicating will also be developed over the period of the course.

Record of School Achievement

Satisfactory completion of 200 hours of study in Agricultural Technology during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment

Fully enclosed leather upper footwear

Child Studies

Child Studies Content Endorsed Course Years 7–10 is an elective course that may be studied in Stage 5 for 200 hours for the Record of School Achievement. While the syllabus can be taught at any time in Years 7–10, its outcomes and content have been designed at a Stage 5 standard.

Course description

Child Studies aims to develop in students the knowledge, understanding and skills to positively influence the wellbeing and development of children in the critical early years in a range of settings and contexts.

What will students learn about?

The syllabus includes a range of modules that provide flexibility for schools to design and deliver a course in Child Studies that meets the needs and interests of their students. Modules should be between 15 and 30 hours duration.

The syllabus modules are:

- 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

What will students learn to do?

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.

Record of School Achievement

Satisfactory completion of 200 hours of study in Child Studies during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment



Commerce

Commerce is an elective course that can be studied for 100 hours in Stage 4 and 200 hours in Stage 5.

Course Description

Commerce enables young people to develop the knowledge, understanding, skills, values and attitudes that form the foundation on which they can make sound decisions about consumer, financial, economic, business, legal, political and employment issues. It develops in students the ability to research information, apply problem-solving strategies and evaluate options in order to make informed and responsible decisions as individuals and as part of the community.

What will students learn about?

Students undertaking a 200-hour course will study all FOUR Core topics and additional study of selected options to meet the 200-hour requirement.

Each Core Study topic should be 20-25 indicative hours, whilst each Option topic should be 15-25 indicative hours.

Core topics will include:

1. Consumer and Financial Decisions – learning about the issues that individuals encounter when making consumer and financial decisions, including investigating laws and mechanisms that protect consumers such as the process of consumer redress.
2. The Economic and Business Environment - developing an understanding of the importance, and features of, the economic environment, including markets and the nature, role and operation of businesses in the context of an increasingly globalised economy.
3. Employment and Work Futures - investigating the contribution of work to the individual and society and the changing nature of work, including how individuals may derive an income, and the changing rights and responsibilities of workplace participants.
4. Law, Society and Political Involvement - developing an understanding of how laws affect individuals and groups, how they regulate society, and how individuals and groups participate in the democratic process.

Students will also study optional topics selected from:

1. Our Economy
2. Investing
3. Promoting and Selling
4. Running a Business
5. Law in Action
6. Travel
7. Towards Independence
8. A School-developed option.

What will students learn to do?

The study of Commerce will promote critical thinking and the opportunity to participate in the community. Students learn to identify, research and evaluate options when solving problems and making decisions on matters relating to their consumer, financial, economic, business, legal, political and employment interactions will develop research and communication skills, including the use of ICT, and the skills of working independently and collaboratively.

Record of School Achievement

Satisfactory completion of 200 hours of study in Commerce during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment

Dance

Dance is an elective course that can be studied for 100 hours in Stage 4 and 200 hours in Stage 5.

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.

What will students learn about?

All students study dance performance, composition and appreciation. They will learn about the elements of dance (space, time and dynamics) and how they are used in, and link, the three practices. They will learn about performing dances with an awareness of safe dance practice, dance technique and performance quality. They will learn about how dance expresses ideas, feelings and experiences as they construct dance compositions to communicate ideas. They learn about people, culture and society as they study and analyse dance performances, compositions and dance works of art.

What will students learn to do?

Students will learn to develop an articulate body as they perform a range of dances in a variety of styles with a working knowledge of safe dance practice. They will learn to structure movement as they compose dances to express their ideas, feelings and experiences. They will learn to use the language of dance and to describe movements using the elements of dance as they view, discuss, read and write about dance. Drawing from their experiences gained in performing, composing and appreciating dances, they will learn to make connections between the making and performing of the movement and the appreciation of its meaning.

Record of School Achievement

Satisfactory completion of 200 hours of study in Dance during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Change of clothing suitable for practical movement
Standard writing equipment

Drama

Drama is an elective course that can be studied for 100 hours in Stage 4 and 200 hours in Stage 5.

Course Description

Drama enables young people to develop knowledge, understanding and skills individually and collaboratively to make, perform and appreciate dramatic and theatrical works. Students take on roles as a means of exploring both familiar and unfamiliar aspects of their world while exploring the ways people react and respond to different situations, issues and ideas.

What will students learn about?

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. At least one other dramatic form or performance style must also be studied in the first 100 hours. Examples of these include improvisation, mime, script, puppetry, small screen drama, physical theatre, street theatre, mask, comedy and Shakespeare. 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.

What will students learn to do?

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.

Record of School Achievement

Satisfactory completion of 200 hours of study in Drama during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment

Food Technology

Food Technology is an elective course that can be studied for 100 hours in Stage 4 and 200 hours in Stage 5. It builds on the knowledge, skills and experiences developed in the Technology (Mandatory) Years 7–8 Syllabus.

Course Description

The study of Food Technology provides students with a broad knowledge and understanding of food properties, processing, preparation and their interrelationship, nutritional considerations and consumption patterns. It addresses the importance of hygiene and safe working practices and legislation in the production of food. Students will develop food-specific skills, which can then be applied in a range of contexts enabling students to produce quality food products. It also provides students with a context through which to explore the richness, pleasure and variety food adds to life and how it contributes to both vocational and general life experiences.

What will students learn about?

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 a context through which the core (Food preparation and processing, Nutrition and consumption) will be studied.

- Food in Australia
- Food service and catering
- Food equity
- Food for special needs
- Food product development
- Food for special occasions
- Food selection and health
- Food trends

What will students learn to do?

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.

Record of School Achievement

Satisfactory completion of 200 hours of study in Food Technology during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Hair net & Fully enclosed leather upper footwear



Geography (Elective)

Geography (Elective) is an elective course that can be studied for 100 hours in Stage 4 and 200 hours in Stage 5.

Course Description

Geography enables young people to develop an interest in and engagement with the world. Geography (Elective) provides opportunities to develop a broader understanding of the discipline of Geography, including physical, social, cultural, economic and political influences on people, places and environments, from local to global scales.

What will students learn about?

Students undertaking a 200-hour course in Geography (Elective) will complete a minimum of FIVE topics.

Options studied should be 25–40 indicative hours each.

Geography (Elective) topics include:

1. Physical Geography
2. Oceanography
3. Primary Production
4. Global Citizenship
5. Australia's Neighbours
6. Political Geography
7. Interactions and Patterns along a Transcontinental Transect
8. A School-developed Option

What will students learn to do?

Students have the opportunity to further their geographical understanding through investigation of the concepts of place, space, environment, interconnection, scale, sustainability and change. They engage with the geographical tools of maps, fieldwork, graphs and statistics, spatial

technologies, and visual representations, in order to acquire, process and communicate geographical information.

Record of School Achievement

Satisfactory completion of 200 hours of study in Geography (Elective) during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment

Graphics Technology

Graphics Technology is an elective course that can be studied for 100 hours in Stage 4 and 200 hours in Stage 5. It builds on the knowledge, skills and experiences developed in the Technology (Mandatory) Years 7–8 Syllabus.

Course Description

The study of Graphics Technology develops an understanding of the significance of graphical communication as a universal language and the techniques and technologies used to convey technical and non-technical ideas and information. Graphics Technology develops in students the ability to read, interpret and produce graphical presentations that communicate information using a variety of techniques and media.

What will students learn about?

All students will learn about the principles and techniques involved in producing a wide range of images, models, pictures and drawings. They will gain an understanding of graphics standards, conventions and procedures used in manual and computer-based drafting.

Students undertaking 200 hours of Graphics Technology may also study a range of options that focus on specific areas of graphics including:

- Architectural Drawing
- Australian Architecture
- Cabinet and Furniture Drawing
- Computer Aided Design and Drafting
- Cartography and Surveying
- Computer Animation
- Engineering Drawing
- Graphic Design and Communication
- Landscape Drawing
- Pattern Design
- Product Illustration
- Technical Illustration.

What will students learn to do?

The major emphasis of the Graphics Technology syllabus is on students actively planning, developing and producing quality graphical presentations. Students will learn to design, prepare and present graphical presentations using both manual and computer based drafting technologies. They will learn to interpret and analyse graphical images and presentations and develop an understanding of the use of graphics in industrial, commercial and domestic applications.

Record of School Achievement

Satisfactory completion of 200 hours of study in Graphics Technology during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

History (Elective)

History (Elective) is an elective course that can be studied for 100 hours in Stage 4 and 200 hours in Stage 5.

Course Description

History enables young people to develop an interest in and enjoyment of exploring the past. A study of History (Elective) provides opportunities to develop a knowledge and understanding of past societies and historical periods.

What will students learn about?

Students undertaking a 200-hour course in History (Elective) will complete ONE option from each of Topics 1, 2 and 3 and at least TWO other options from any other topics.

The topics include:

Topic 1: History, Heritage and Archaeology

Topic 2: Ancient, Medieval and Modern Societies

Topic 3: Thematic Studies

Students explore the nature of history, heritage and archaeology and the methods that historians use to construct history through a range of thematic and historical studies.

The construction of history is examined through options such as oral history, museum or archive studies, historical fiction, media, biography, or film. Historical issues studied include the collection, display and reconstruction of the past, ethical issues of ownership, preservation, and conservation of the past. Features of a range of ancient, medieval, and early modern societies are explored and students have the opportunity to study historical themes such as war and peace, crime and punishment, music through history, slavery and gender in history.

What will students learn to do?

Students will undertake processes of historical inquiry, including understanding and analysing sources and sequencing major historical events to show an understanding of continuity, change and causation. Students develop an understanding of historical concepts such as empathetic understanding, significance and contestability. They apply research and communication skills, including the use of ICT, and examine different perspectives and interpretations to develop an understanding of a wide variety of viewpoints. Students are provided with opportunities to construct a logical historical argument supported by relevant evidence and to communicate effectively about the past for different audiences

Record of School Achievement

Satisfactory completion of 200 hours of study in History (Elective) during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment

Industrial Technology

Industrial Technology is an elective subject within which students may undertake one or two courses. Each course may be studied for 100 hours in Stage 4 and 200 hours in Stage 5. It builds on the knowledge, skills and experiences developed in the Technology (Mandatory) Years 7-8 Syllabus.

Course Description

Industrial Technology develops students' knowledge and understanding of materials and processes in a range of technologies. They develop knowledge and skills relating to the selection, use and application of materials, tools, machines and processes through the planning and production of quality practical projects.

Students may undertake one or two courses in Industrial Technology and may elect to study one of eleven focus areas in each course. These focus areas are based on a range of technologies of industrial and domestic significance. These include studies in:

- Building and Construction
- Engineering
- Metal
- Timber

INDUSTRIAL TECHNOLOGY- Building Construction

Building and Construction provides opportunities for students to develop knowledge, understanding and skills in relation to the building and associated industries.

Students learn about safe practices in practical work environments, including risk management and Occupational Health and Safety.

Students have the opportunity to develop knowledge and skills when working with a range of materials, tools and techniques related to building and construction. These are enhanced and further developed through the study of specialist modules in:

- Construction and Renovation
- Outdoor Structures and Landscapes

Practical projects may include:

- Construction of small structures
- Scale models
- Elementary repairs and renovations
- Development of garden and recreational areas
- Work undertaken on isolated building models and mock-ups.
-

INDUSTRIAL TECHNOLOGY- Engineering

Industrial Technology-Engineering is a new subject which provides an excellent link to the Engineering Studies and Physics courses in Years 11 and 12. It provides opportunities for students to develop knowledge, understanding and skills in relation to engineering and its associated industries.

The course will have a significant practical focus with much of the course being covered through the construction of projects in metal, timber, plastics, composites and electronics.

These projects will include:

- the building and testing to destruction of small structures
- the construction of small projects from a variety of materials that display a range of properties
- the construction of basic control circuits in electronics

Students in the class will possibly have the opportunity to participate in the Model Solar Car State Championship conducted by the University of NSW, as well as other state wide competitions.

Further experiment work will be carried out in the investigation of the properties of materials and in photo-voltaic systems.

Modules covered in the course include engineered:

- Structures
- Mechanisms
- Control systems
- Alternative Energy

INDUSTRIAL TECHNOLOGY- METAL

Industrial Technology aims to develop students' knowledge and understanding of materials, processes and technologies used in domestic and industrial settings, related to metal.

Students learn about safe practices in practical work environments, including risk management and occupational health and safety,
Students have the opportunity to work with a range of tools, machines and processes relevant to metal technology to produce practical projects in this focus area.

They learn to design and to produce drawings and documentation related to production of their projects.

INDUSTRIAL TECHNOLOGY- TIMBER

Industrial Technology aims to develop students' knowledge and understanding of materials, processes and technologies used in domestic and industrial settings, related to timber.

Students learn about safe practices in practical work environments, including risk management and occupational health and safety,
Students have the opportunity to work with a range of tools, machines and processes relevant to timber technology to produce practical projects in this focus area.

They learn to design and to produce drawings and documentation related to production of their projects.

What will students learn about in Industrial Technology subjects?

All students will learn about the properties and applications of materials associated with their chosen area of study. They 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. They will also learn about design and designing including the communication of ideas and processes.

What will students learn to do?

The major emphasis of the Industrial Technology syllabus is on students actively planning and constructing quality practical projects. 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.

Record of School Achievement

Satisfactory completion of 200 hours of study in an Industrial Technology course during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement. This may occur in up to two courses.

Required Equipment / Safety Gear

Fully enclosed leather upper footwear



Computing Technology

Computing Technology is an elective course that can be studied for 100 hours in Stage 4 and 200 hours in Stage 5. It builds on the knowledge, skills and experiences developed in the Technology (Mandatory) Years 7–8 Syllabus.

Course Description

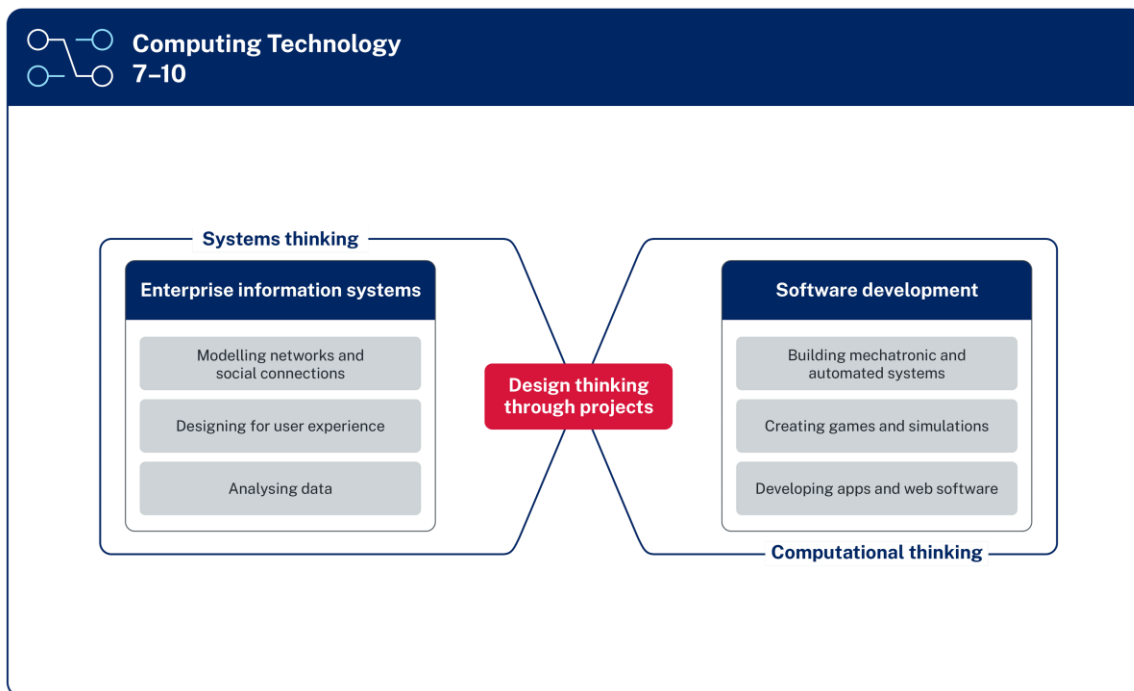
Studying Computing Technology enables students to develop skills in the specific application of computing technologies and to develop digital solutions applicable to a range of industrial, commercial and recreational contexts.

Computing Technology focuses on computational, design and systems thinking. It also develops data analysis and programming (coding) skills. The knowledge and skills developed in the course enable students to contribute to an increasingly technology-focused world.

Students engage with contemporary and advancing technologies that improve access and participation in society. Students explore the impact of innovations in computing technology on society and the environment. They develop skills using a range of hardware and software applications, including multimedia, digital media, virtual and augmented realities, gaming, graphical data and visualisations, networks and devices.

What will students learn about?

When studying Computing Technology, students have opportunities to develop skills in analysing data, designing for user experience, connecting people and systems, developing websites and apps, building mechatronic systems, and creating simulations or games. Students use hardware and software to manage and secure data. They also investigate the social, ethical and legal responsibilities of using data as creators of digital solutions while considering privacy and cybersecurity principles



What will students learn to do?

The study of Computing Technology in Years 7–10 enables students to:

- become safe and responsible users of computing technologies and developers of innovative digital solutions
- develop an understanding of the interrelationships between technical knowledge, social awareness and project management
- develop their ability to think creatively to produce and evaluate products
- develop skills through practical application and design to produce and evaluate creative solutions using a range of computing technologies.

Record of School Achievement

Satisfactory completion of 200 hours of study in Computing Technology during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment/ Laptop.

International Studies

International Studies is an **NSW Department of Education approved elective course** that may be studied for 200 hours in Stage 5. The aim of International Studies is for students to know and understand the significance of culture in their own lives, appreciate the culturally diverse yet interconnected world in which they live, and to develop skills and values to view cultures, including their own, from different perspectives.

Course Description

International studies is an interdisciplinary course that provides a unique conceptual framework for the study of culture, and the promotion of intercultural understanding.

Through education, travel, work and trade, students increasingly understand how the study of culture requires knowledge to inform values and develop individual and community participation, action, and commitment to be a global citizen.

International studies provides students with an opportunity to explore and recognise their own cultures, and appreciate the richness of multicultural Australia and the world. As Australia is part of the Asia-Pacific region, the International studies course lends itself to an emphasis on, but is not limited to, this region.

What will students learn about?

Students undertaking a 200-hour course in International Studies will complete the CORE Study and a minimum of SIX options to meet the 200-hour requirement.

Core Study:

Understanding culture and diversity in today's world.

Student's will focus on the concept of culture and its many characteristics, and examples of cultural diversity in the contemporary world.

Options include:

- Option 1 – Culture and beliefs
- Option 2 – Culture and the media
- Option 3 – Culture on the move
- Option 4 – Culture and travel
- Option 5 – Culture and the performing arts
- Option 6 – Culture in art and architecture
- Option 7 – Culture in film and literature
- Option 8 – Culture and sport
- Option 9 – Culture and food
- Option 10 – Culture, science, technology and change
- Option 11 – School developed option

What will students learn to do?

Students will gain knowledge of different cultural practices, values, beliefs and heritages to form a broader world-view. They gain skills to recognise fact, detect bias and challenge stereotypes by exploring cultural difference and interconnectedness. This enables students to understand and value inclusion, and to respect the rights of others.

Students learn to conceptualise and explore interrelationships and empathise with others at a local, national, regional and global level.

Record of School Achievement

Due to International Studies being an NSW Department of Education approved elective course, not a NESA endorsed syllabus, it will not appear on a student's RoSA. While it will not appear on their RoSA, this does not affect their eligibility to successfully complete Year 10.

Required Equipment / Safety Gear

Standard writing equipment

iSTEM

iSTEM is a NSW Department of Education approved elective course. iSTEM is an innovative student-centred elective that integrates science, technology, engineering and mathematics (STEM). The course focuses on applied learning and skillset development based on the needs of local and national industry. iSTEM prepares students to engage with STEM knowledge, understanding and skills using inquiry, problem and project-based learning pedagogies. iSTEM is studied for 200 hours in Stage 5.

Course Description

iSTEM develops enabling skills and knowledge that increasingly underpin many professions and trades, and the skills of a technologically enabled workforce. It provides students with learning opportunities to develop knowledge and skills to use the most up-to-date technologies, for example, additive manufacturing (3D printing), laser cutters, augmented and virtual reality, drones, smart robotics and automation systems, Artificial Intelligence (AI) and a range of digital systems.

Students gain and apply knowledge, deepen their understanding, and develop collaborative, creative and critical thinking skills within authentic, real-world contexts. The course uses inquiry, problem and project-based learning approaches to solve problems and produce practical solutions utilising engineering-design processes.

What is the structure of the course?

The iSTEM course is divided into core, elective, and specialised topics. Each topic represents 25 indicative hours. Students will complete:

- Both core topics (STEM Fundamentals, Project-based Learning) - Core topics develop fundamental understanding and skills as well as the application of engineering-design processes to problem-solving activities.
- At least one elective topic (Computer-aided design (CAD), Critical Thinking, Project-based Learning Extension) - Elective topics develop a depth of understanding and skills in a number of fundamental areas of iSTEM. They have been designed to provide additional time for mastery before applying them to specialised topics.

- Up to 5 specialised topics (Advanced Manufacturing, Aeronautical engineering, AgriTech, Cyber Security, Design for space, Mechatronics and Robotics, MedTech, Surveying and Geospacial engineering, Sustainable Transport) - Specialised topics are themed around STEM priority industries. They develop knowledge and skills that underpin future focused industries.

Record of School Achievement

Due to iSTEM being a NSW Department of Education approved elective course, not a NESA endorsed syllabus, it will not appear on a student's RoSA. While it will not appear on their RoSA, this does not affect their eligibility to successfully complete Year 10.

Required Equipment / Safety Gear

Standard writing equipment

Languages (Chinese)

The study of at least 100 hours in one language, to be completed over one continuous 12-month period, is a mandatory requirement for eligibility for the award of the Record of School Achievement. The 100-hour course must cover the Stage 4 outcomes and content of the chosen language syllabus, and must be studied between Years 7–10, but preferably in Years 7–8. Willyama High School completes the mandatory 100-hour language study in Year 7.

When students have completed the mandatory 100 hours' language study, they may continue the study of that language as an elective for the Record of School Achievement and/or choose to study another language.

****Note: The current language on offer at Willyama High School is Chinese***

Course Description

Languages courses provide students with the opportunity to gain effective skills in communicating in the chosen language, to explore the relationship between languages and English, and to develop an understanding of the cultures associated with the chosen language.

What will students learn about in the study of a modern language?

Students will develop the knowledge, understanding and skills necessary for effective interaction in a language.

They will explore the nature of languages as systems by making comparisons between English and the chosen language.

Students will also develop intercultural understandings by reflecting on similarities and differences between their own and the target culture.

What will students learn to do in the study of a modern language?

Students will develop the skills to communicate in another language. They will listen and respond to spoken language. They will learn to read and respond to written texts in the language they are learning. Students will establish and maintain communication in familiar situations using the language.

Students will explore the diverse ways in which meaning is conveyed by comparing and contrasting features of the language. They develop a capacity to interact with people, their culture and their language.

Record of School Achievement

Satisfactory completion of the mandatory language study will be recorded on the student's Record of School Achievement.

Satisfactory completion of 200 hours of elective study in a language (or languages) during Stage 5 (Years 9 and 10) will also be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment

Music

The Music Years 7–10 Syllabus contains both Mandatory and Elective courses. The Mandatory course is taught as a coherent study of 100 hours, not spread over several years. This is a requirement for eligibility for the award of the Record of School Achievement. The Elective course can be studied for 200 hours in Stage 5 (Years 9 and 10).

Course Description

All students should have the opportunity to develop their musical abilities and potential. As an artform, music pervades society and occupies a significant place in world cultures and in the oral and recorded history of all civilisations. Music plays important roles in the social, cultural, aesthetic and spiritual lives of people. At an individual level, music is a medium of personal expression. It enables the sharing of ideas, feelings and experiences. The nature of musical study also allows students to develop their capacity to manage their own learning, engage in problem-solving, work collaboratively and engage in activity that reflects the real world practice of performers, composers and audiences.

What will students learn about?

In both the Mandatory and Elective courses, students will 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.

What will students learn to do?

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 underpins the development of skills in performing, composing and listening.

Course Requirements

The Mandatory course is usually studied in Years 7 and/or 8. Students may not commence study of the Elective course until they have completed the requirements of the Mandatory course.

Record of School Achievement

Satisfactory completion of the mandatory Music course will be recorded on the student's Record of School Achievement.

Satisfactory completion of 200 hours of elective study in Music during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment

Music book with both lines and staves

PHILOSOPHY

Philosophy is an NSW Department of Education approved elective course that may be studied for 200 hours in Stage 5. The aim of Philosophy is to develop student knowledge of key philosophical thinkers, problems and arguments. By applying this knowledge to social dilemmas through communities of inquiry, students will challenge assumptions and beliefs and build their capacity for critical reasoning and ethical decision making.

Course Description

Philosophical thought shapes what people think, value, and how they engage with others and the world around them. Philosophy is concerned with questions of ethics, knowledge, aesthetics and reality. It seeks to shed light on life's big issues, such as the nature of reality, how we should live and what it means to be human. Philosophy also grapples with the problems that lie at the foundation of issues of public debate such as artificial intelligence, human rights and freedom of speech.

What will students learn about?

Students undertaking a 200-hour course in Philosophy will complete the two CORE Studies and a minimum of SIX options to meet the 200-hour requirement.

Core Studies:

Core 1 – Introduction to philosophy.

Core 2 – Logic, argument and critical reasoning

Students will focus on the origins of philosophy and what it means to think well, introducing basic philosophical skills of argument and reasoning.

Options include:

Option 1 – Epistemology

Option 2 – Metaphysics

Option 3 – Ethics

Option 4 – Politics

- Option 5 – Aesthetics
- Option 6 – Personal philosophy
- Option 7 – Personal interest project
- Option 8 – School developed option

What will students learn to do?

Students will actively engage in exploring authentic ethical, social and political dilemmas in philosophy. They will be challenged to think rigorously and discuss these issues in communities of inquiry. This engagement in philosophical discussion encourages students to then think creatively, critically and collaboratively.

Philosophy equips students with the skills essential for active citizenship in today's complex global society. Students will develop the skills to think deeply and formulate sound arguments. A study of philosophy will also encourage an open-minded disposition and a willingness to challenge existing beliefs and values.

Record of School Achievement

Due to Philosophy being an NSW Department of Education approved elective course, not a NESA endorsed syllabus, it will not appear on a student's RoSA. While it will not appear on their RoSA, this does not affect their eligibility to successfully complete Year 10.

Required Equipment / Safety Gear

Standard writing equipment

Photographic and Digital Media

Photographic and Digital Media is an elective course that can be studied for 200 hours in Stage 5 after the completion of the Visual Arts 100-hour mandatory course.

Course Description

Photographic and Digital Media provides opportunities for students to enjoy making and studying a range of photographic and digital media works. It enables students to represent their ideas and interests about the world, to engage in contemporary forms of communication and understand and write about their contemporary world. Photographic and Digital Media enables students to investigate new technologies, cultural identity and the evolution of photography and digital media into the 21st century. Students are provided with opportunities to make and study photographic and digital media works in greater depth and breadth than through the Visual Arts elective course.

What will students learn about?

Students learn about the pleasure and enjoyment of making different kinds of photographic and digital media works 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/digital and performance artists make photographic and digital media works. Students learn about how photographic and digital media is shaped by different beliefs, values and meanings by exploring photographic and digital media artists and works 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 making and critical and historical studies.

What will students learn to do?

Students learn to make photographic and digital media works using a range of materials and techniques in still, interactive and moving forms, including ICT, to build a Photographic and Digital Media portfolio over time. They learn to develop their research skills, approaches to experimentation and how to make informed personal choices and judgements. They learn to record procedures and activities about their making practice in their Photographic and Digital Media journal.

Students learn to investigate and respond to a wide range of photographic and digital media artists and works in making, critical and historical studies. Students learn to interpret and explain the function of and relationships in the artworld between the artist – artwork – world – audience to make and study photographic and digital media artworks.

Course Requirements

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

Record of School Achievement

Satisfactory completion of 200 hours of study in Photographic and Digital Media during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment and a Photographic Journal (sketchbook). (If you also select Visual Arts, you will require TWO separate sketchbooks).

Physical Activity and Sports Studies

Physical Activity and Sports Studies is an elective content endorsed course that may be studied for 200 hours for the Record of School Achievement. The syllabus can be taught at any time in Years 7–10 however, its outcomes and content have been designed at a Stage 5 standard.

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.

What will students learn about?

The course includes modules selected from each of 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
-

What will students learn to do?

Throughout the course students will develop 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.

Record of School Achievement

Satisfactory completion of 200 hours of study in Physical Activity and Sports Studies CEC during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

PE Uniform including appropriate footwear for physical activity eg: running shoes (Billies, skate and other fashion shoes do not meet this requirement)
Standard writing equipment

Contributions

Some venue fees depending on activities - paid on the day.

Psychology

Psychology is an NSW Department of Education approved elective course that may be studied for 200 hours in Stage 5. Psychology aims to promote understanding and critical awareness of human behaviour and the influence of biological, cognitive and socio-cultural factors on individuals and societies.

Course Description

Psychology provides the knowledge and understanding of human nature by asking scientific and philosophical questions and by undertaking studies into the fields of neuroscience, cognitive sciences, and social psychology. The flexibility of the course structure means the needs and interests of a wide range of students can be met.

What will students learn about?

Students undertaking a 200-hour course in Psychology will complete the two CORE Studies and a minimum of SIX options to meet the 200-hour requirement.

Core Studies:

Core 1 – What is psychology?

Core 2 – Research methods in psychology.

Students will identify psychology as a scientific discipline which studies mental processes and human behaviour, the world of the psychologist, the history of psychology and present-day theories of psychology. They will also examine the scientific methods and ethics involved in psychological research and experimentation.

Options include:

Option 1 – Biological bases of behaviour

Option 2 – Intelligence and creativity

Option 3 – Personality and self

Option 4 – Forensic psychology

Option 5 – Psychology and society

Option 6 – Psychology and gender

Option 7 – Psychological disorders and constructs of normality

Option 8 – Psychology of success

Option 9 – School-developed option

What will students learn to do?

Psychology offers an engaging content that is rigorous and challenging. Students will develop skills and explore perspectives that further allow them to live as engaged citizens in a complex and dynamic society. Students will appreciate how people perceive the world around them and how they respond to it, how human learning develops, and how they relate to others and function within society.

Record of School Achievement

Due to Psychology being an NSW Department of Education approved elective course, not a NESA endorsed syllabus, it will not appear on a student's RoSA. While it will not appear on their RoSA, this does not affect their eligibility to successfully complete Year 10.

Required Equipment / Safety Gear

Standard writing equipment

Textiles Technology

Textiles Technology is an elective course that may be studied for 200 hours in Stage 5. It builds on the knowledge, skills and experiences developed in the Technology (Mandatory) Years 7–8 Syllabus.

Course Description

The study of Textiles Technology provides students with a broad knowledge of the properties, performance and uses of textiles in which fabrics, colouration, yarns and fibres are explored. Students examine the historical, cultural and contemporary perspectives on textile design and develop an appreciation of the factors affecting them as textile consumers.

Students investigate the work of textile designers and make judgements about the appropriateness of design ideas, the selection of materials and tools and the quality of textile items. Textile projects will give students the opportunity to be creative, independent learners and to explore functional and aesthetic aspects of textiles.

What will students learn about?

Students will learn about textiles through the study of different focus areas and areas of study. The following focus areas are recognised fields of textiles that will direct the choice of student projects.

- Apparel
- Furnishings
- Costume
- Textile arts
- Non-apparel.

Project work will enable students to discriminate in their choices of textiles for particular uses. The focus areas provide the context through which the three areas of study (Design, Properties and Performance of Textiles, Textiles and Society) are covered.

What will students learn to do?

By examining the work of designers, students will learn to use the creative process to design textile items. Design ideas and experiences are

documented and communicated and will show evidence of each of the stages of designing, producing and evaluating.

Students will learn to select, use and manipulate appropriate materials, equipment and techniques to produce quality textile projects. Students will learn to identify the properties and performance criteria of textiles by deconstructing textile items and identify the influence of historical, cultural and contemporary perspectives on textile design, construction and use.

Record of School Achievement

Satisfactory completion of 200 hours of study in Textiles Technology during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Students are required to purchase fabric for their own garments and sewing notions.

A4 visual process diary

Patterns and threads

Visual Arts

The Visual Arts Years 7–10 Syllabus contains both Mandatory and Elective courses. The Mandatory course is taught as a coherent study of 100 hours, not spread over several years. This is a requirement for eligibility for the award of the Record of School Achievement. The Elective course can be studied for 200 hours in Stage 5 (Years 9 and 10).

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.

What will students learn about?

Students learn about the pleasure and enjoyment of making different kinds of artworks in 2D, 3D and/or 4D 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.

What will students learn to do?

Students learn to make artworks using a range of materials and techniques in 2D, 3D and 4D forms, including traditional and more contemporary forms, site-specific works, installations, video and digital media and other ICT forms, to make a variety of artworks over the year. They learn to develop their research skills, approaches to experimentation and how to make informed personal choices and judgements.

They learn to record procedures and activities about their artmaking practice in their Visual Arts diary. They learn to investigate and respond to a wide range of artists and artworks in artmaking, critical and historical studies. They also learn to interpret and explain the function of and relationships in the artworld between the artist – artwork – world – audience to make and study artworks.

Course Requirements

Students are required to produce several artworks in different forms, engage with all three areas of content (frames, conceptual framework, practice) and keep a Visual Arts diary.

Record of School Achievement

Satisfactory completion of 200 hours of elective study in Visual Arts during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment (including lead pencils, sharpener, eraser, scissors, glue, ruler) and a Visual Arts Diary (sketchbook). **(If you also select Photographic and Digital Media, you will require TWO separate sketchbooks).**

Visual Design

Visual Design is an elective course that can be studied for 200 hours in Stage 5 after the completion of the Visual Arts 100-hour mandatory course.

Course Description

Visual Design provides opportunities for students to enjoy making and studying visual design artworks and to become informed about and 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.

What will students learn about?

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.

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

What will students learn to do?

Students learn to make visual design artworks using a range of materials and techniques in print, object and space-time forms, including ICT, to build a folio of work over time. They learn to develop their research skills, approaches to experimentation and how to make informed personal choices and judgements.

They learn to record procedures and activities about their making practice in their Visual Design journal. They learn to investigate and respond to a wide range of visual designers and visual design artworks in making, critical and historical studies. They also learn to interpret and explain the function of and relationships in the artworld between the artist/designer – artwork – world – audience to make and study visual design artworks.

Course Requirements

Students are required to produce a folio of work and keep a Visual Design journal.

Record of School Achievement

Satisfactory completion of 200 hours of study in Visual Design during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Required Equipment / Safety Gear

Standard writing equipment and a Visual Design Journal (sketchbook)

Contributions for Subject Costs

General School Contribution

With the agreement of the school's community, it is intended to seek from parents and caregivers a General School Contribution

At Willyama High School, the amount for your child entering Year 9-10 are as follows:

General School Contribution: \$60.00

It is anticipated that the funds raised will be expended on educational resources and programs within the school environment including the cost of subject materials used in mandatory technology.

Our school would welcome your contribution, as this will significantly enhance the resources made available to students.

If parents so desire, contributions may be paid in instalments during first term or by other arrangements as agreed to by the principal.

All cheques should be made payable to Willyama High School; Eftpos facilities are available at the front office if required.

