



# St Francis Xavier College

YEAR

# 9

## Elective Subjects

Living the truth



Leading with courage



Learning for life



## Contents

Year 9 Elective Choices .....	5
Applied Technology.....	5
Metalwork .....	5
Design and Technical Graphics .....	5
Woodwork.....	6
Creative Wood .....	6
Motor Technology.....	7
Engineering Fundamentals.....	7
Food and Textiles Technology.....	8
Textiles Technology.....	8
Food Technology .....	9
Information Technology .....	10
Languages .....	12
Italian .....	12
Japanese .....	13
Performing Arts.....	14
Drama.....	14
Music.....	15
Dance .....	16
Sports and Recreation Studies.....	17
Social Science .....	18
History.....	18
Commerce .....	18
Geography .....	19
Visual Arts .....	20

## Introduction for Year 9 Students

Students in Years 9 and 10 at St Francis Xavier College work towards their Year 10 Certificate. This certificate provides a record of each student's achievements in different subject areas over the two-year period. The content for these subject areas is drawn from the Australian Curriculum and the Diocesan Religious Education Framework *Treasures New and Old*.

During Years 9 and 10, all students will be expected to study:

- Religious Education
- English
- Mathematics
- Science
- History
- Physical Education & Health
- Three Electives

One of the Electives students will study for a Semester is either **Geography or Commerce**. The other Semester students will study **History** as a compulsory unit.

Students will undertake a continuing course of study over two years in one nominated subject area. **This is called the Two Year Elective.**

The third elective choice will allow students to pursue other areas of interest without committing themselves to a two year course of study. **This is called the One Year Elective.**

Both the Two Year and One Year elective subjects will cover the content and skills from the Australian Curriculum.

### Social Science

Students will study History for one semester in Year 9 and again in Year 10 to fulfil the requirements of the Australian Curriculum. Students are given the opportunity to nominate another Social Science, either Commerce or Geography to study in the other semester.

For Year 10, students will again nominate either Commerce or Geography as their Social Science elective when they are choosing their electives for 2019.

The following table can be used to help with elective subject choice selection for Year 9.

Department	Subject	1 or 2 year course
<b>Applied Technology</b>	Creative Wood	Yr 9 only
	Design and Graphics	1 and 2
	Metalwork	1
	Woodwork	2
	Motor Tech	2
	Engineering Fundamentals (STEM)	1
<b>Food and Textiles Technology</b>	Textile Technology	1 and 2
	Food Technology	1 and 2
<b>Information Technology</b>	Computing Science	1 and 2
	Robotics and Gaming (STEM)	Year 9 only
<b>Languages</b>	Italian	2
	Japanese	2
<b>Performing Arts</b>	Drama	1 and 2
	Music	1 and 2
	Dance	1 and 2
<b>Health and Physical Education</b>	Sports and Recreation	Year 9 or Year 10
<b>Social Science</b>	History	1 semester in Y9 & Y10
	Geography or Commerce	1 semester in Y9 & Y10
<b>Visual Arts</b>	Digital Photography & Media	1 and 2
	Visual Arts	1 and 2

When considering which units best suit it is important that subjects which students find interesting and enjoyable are given a high priority. It is unwise to choose units because friends are also choosing them as the friends may be in different classes next year.

It is also important to bear in mind the cost of undertaking some of the courses. While a "standard elective fee" (\$356 for 2017) is used to cover the costs of these subjects, it should be noted that some units will incur additional costs. Students of **Fabric Studies** will be required to purchase some fabric and haberdashery items as needed during the year. Students of **Sports and Recreation Studies** will be required to cover the costs of undertaking two three-day camps. Students of **Woodwork** will be required to purchase their own timber.

Occasionally excursions and performances will take place which cost more than \$25 per student. These will be charged on a per event basis and are in addition to the costs of the elective subjects given in the following pages. School socials, "uniform free" days, other fundraising activities and non-curriculum excursions will need to be paid for individually.

Another factor to bear in mind with any selection process is the fact that the school cannot guarantee which units run as student choices may exceed the available resources.

**The question, "What will I do if I'm not able to do ... ?" must be thought about carefully.**

If students are in any doubt about which units may or may not suit, it is important that they talk to subject teachers or the studies coordinator responsible for that unit.

# Year 9 Elective Choices

## Applied Technology

### Metalwork

**Unit Title:** 1 Year Metalwork  
**Prerequisite(s):** None  
**Estimated Cost:** Standard elective fee

**Brief description:**

Students will be encouraged to complete a project in each of the areas of sheet metal, metal fabrication, art metal and metal machining and take an active role in the design of each project. A wide variety of machines, tools and processes including metal fastening methods will be used. Students will be required to work from a design brief and evaluate the finished products.

Both ferrous and non-ferrous metals may be used. Some of the background of their characteristics and application will also be studied.

Some possible projects may include:

○ key cabinet	○ art metal sculpture
○ mirror/picture frames	○ marking gauge
○ jewellery	○ three-legged stool

### Design and Technical Graphics

**Unit Title:** Design and Technical Graphics  
**Prerequisite(s):** None  
**Estimated Cost:** Standard elective fee

**Brief description:**

This course introduces students to a range of communication drawing skills using graphic mediums. Students will be given the opportunity to utilise traditional drawing equipment as well as explore the standards of CAD and 3D printing to present their own original design ideas. Computer software that students will learn about will include: Autodesk Suite , Adobe CS5 Suite.

Drawing techniques include: concept sketching, technical drawing, site plans and storyboards and students will also be introduced to market research and the basics of model making in architecture and product design.

Students will investigate the professional applications of Graphic Design, Product Design, Architectural and Engineering drawings as well as areas of individual interest. By the end of the course learners will have been exposed to Australian and International drawing standards along with a wide array of drawing methods, design packages and transferable design workplace skills.

## Woodwork

<i>Unit Title:</i>	<b>2 Year Woodwork</b>
<i>Prerequisite(s):</i>	None
<i>Estimated Cost:</i>	Standard elective fee plus cost of timber in Year 10

### *Brief description:*

In Year 9 students will be introduced to cabinet making where various tools, machines and processes will be used with a strong emphasis on safety. Students will begin by learning how to produce a workshop plan of a small project consisting of some basic wood working joints before continuing on to construct a more complex task.

Exercises in Year 9 will be skill based to develop the fine motor skills necessary to accurately construct timber products.

In Year 10 students will design a coffee table by developing a comprehensive design portfolio documenting the progress, modifications and evolution of the project. They will produce workshop drawings using computer aided software. Students will extend their existing skills and knowledge through the design and construction of this project.

As part of this exercise, students will be required to source and supply their own timber for this project.

Wood turning will also be included in this course where students will produce one turned project during each year.

Some examples of wood turning projects may include:

- segmented bowl
- lidded box
- vase
- platter

Whilst this is an enjoyable course it can also be quite challenging due to the complexities of design and construction techniques and some consideration should be given to this.

As part of this unit students are expected to source and provide their own timber for their coffee table.

## Creative Wood

<i>Unit Title:</i>	<b>Creative Wood (Year 9)</b>
<i>Prerequisite(s):</i>	None
<i>Estimated Cost:</i>	Standard elective fee plus the cost of some timber.

### *Brief description:*

Creative Wood is a craft based course that will enhance student awareness of the natural qualities and beauty of timber. Students will be encouraged to develop their creativity by completing a series of projects which may include any of the following:

- ◇ wood turned pen with case
- ◇ a wood turning project
- ◇ marquetry
- ◇ puzzle
- ◇ occasional table (single leg)
- ◇ burl clock
- ◇ carved three-legged stool

These projects may be enhanced by burnishing and use of a pyro graph along with a variety of different polishes and wood finishes.

## Motor Technology

*Unit Title:* **2 Year Motor Technology**  
*Prerequisite(s):* None  
*Estimated Cost:* Standard elective fee

*Brief description:*

This course introduces students to the operation of two and four stroke motors and different types including diesel and rotary engines. Emphasis will be placed on the difference between two stroke and four stroke systems with the specific operation of both motors being analysed.

The design and fabrication of specific tools required to dismantle or assemble engine components will also form part of this course.

Group work is an important aspect of this course as students will be required to work together in small groups for most aspects of the practical work.

The Year 9 unit introduces students to sheet metal and metal fabrication projects and oxy-acetylene welding. They will learn about tools and equipment and how to dismantle, repair and reassemble a two-stroke engine. Students will dismantle a four-stroke motor using a variety of specialised tools and processes to repair and or replace damaged components to enable the motor to be functional again.

In Year 10 students will examine various automotive operating systems with a strong emphasis on repair and maintenance. Basic electronics will also be covered in this course along with some analysis of electrical components using a multi meter.

Students will dismantle a four-cylinder motor, check the components with accurate measuring equipment and reassemble the motor. Skills in metal machining and electric arc welding will be used in the fabrication of automotive tools.

This unit may also focus on automotive maintenance aspects with an emphasis on four stroke engine systems.

Students will continue building on their skills and knowledge of automotive electrical systems in a more complex nature as they complete a lighting circuit for a trailer.

## Engineering Fundamentals

*Unit Title:* **Engineering Fundamentals (STEM) Year 9 only**  
*Prerequisite(s):* None  
*Estimated Cost:* Standard elective fee

*Brief description:*

In this unit, students will study a variety of themed units of work focusing on the application of Science, Technology, Engineering and Mathematics (STEM) to real life, and which reflect the skill requirements of the future Australian workforce.

Students will cover topics including Material Science, Aerodynamics, Computer Aided Design (CAD), Computer Aided Manufacturing (CAM) including 3D Printing, and Civil Engineering. The course utilises a practical integrated approach which will see students exploring these topics through projects such as 3D printed CO2 canister race cars, bridge building and rocketry. Through these projects, engineering and technology will be used to drive the development of technical skills and mechanical engineering knowledge.

Class members will also be expected to participate in a variety of competitions and STEM programs during the course, such as Science and Engineering Challenge, CIT Bridge Building Challenge, F1 in Schools, as well as excursions and a major research project.

This course is highly recommended for students considering studying Physics at a College level.

# Food and Textiles Technology

## Textiles Technology

*Unit Title:* **2 Year Textiles Technology**  
*Prerequisite(s):* None  
*Estimated Cost:* Standard elective fee plus the cost of some materials

*Brief description:*

This course incorporates both of the Year 9 units and the Year 10 units. By undertaking the two-year course, students will have the opportunity, in Year 9 to cover aspects of **Dress to Impress** and **Create and Make**. In Year 10, they will cover **Project Runway** and **Changing Rooms**.

*Unit Title:* **Dress to Impress  
(Semester One of the 1 Year Course)**  
*Prerequisite(s):* None  
*Estimated Cost:* Standard elective fee plus the cost of some materials

*Brief description:*

This unit offers students the opportunity to develop their skills in making or recreating garments to enhance their wardrobe. It is a great unit for anyone who wants to explore the possibilities of making and or reinventing a variety of clothing items of their choice.

Students will develop the knowledge and skills to enhance their current wardrobe. Garments completed during the year will enable students to learn a variety of construction and or deconstruction techniques while developing skills using knit and or woven fabrics. E.g. Students may choose to make a:

- Trousers
- Pyjamas
- Dress or skirt

*Unit Title:* **Create and Make  
(Semester Two of the 1 Year Course)**  
*Prerequisite(s):* None  
*Estimated Cost:* Standard elective fee plus the cost of some materials

*Brief description:*

Take the opportunity to have fun with fabrics, making unique and interesting projects. The class will choose from a variety of different textiles processes. Opportunities are endless as you learn about the basic concepts of design and incorporate fabric decoration techniques to apply to projects of your choice. Set your creativity free as you learn a range of new techniques to apply to your own individual design projects, e.g. silk painting, fabric dyeing, machine embellishing, beading, jewellery making and other possible techniques as chosen by you and your classmates. Students will construct a variety of projects for example:

- Hair accessories
- Make-up bag, phone covers, I pad covers
- A sarong
- Pencil case

## Food Technology

*Unit Title:* **2 Year Food Technology**  
*Prerequisite(s):* None  
*Estimated Cost:* Standard elective fee

*Brief description:*

This course will include a combination of the Year 9 units, **Fab Foods** and **Master Chef in the Making** and the Year 10 units; **The Business of Food** and **Cultural Cuisines**.

OR

*Unit Title:* **1 Year Food Technology**  
*Prerequisite(s):* None  
*Estimated Cost:* Standard elective fee

*Unit Title:* **Fab Foods**  
**(Semester One of the 1 Year Course)**

*Prerequisite(s):* None

*Brief description:*

Cook up a storm and get your creative juices flowing. Learn about how ingredients work together to create marvellous menus that tantalise the tastebuds. Students will look at product innovations, new product development and packaging/labelling of foods. You can master your kitchen skills and apply your nutrition knowledge whilst completing for the Year 9 cook off.

Highlights of the course work will be-

- design, plan and decorate a bakery food product
- design and plan menus for specific dietary needs
- make and decorate a Gingerbread House

*Unit Title:* **Master Chef in the Making**  
**(Semester Two of the 1 Year Course)**

*Estimated Cost:* Standard elective fee

*Prerequisite(s):* None

*Brief description:*

Here's your chance to experiment! Weekly practical lessons will find you making some of your favourite recipes in combination with some new and interesting foods. Students will look at nutrients available in different foods. They will use a variety of cooking and styling techniques to create delicious menus and dishes. You can master your kitchen skills and apply your nutrition knowledge whilst competing for the Year 9 cook off.

Highlights of the course will include:

- Design foods with set ingredients – Invention test
- Rice Box Challenge
- Master chef Challenge

# Information Technology

**Unit Title:** 2 Year Computing Science (STEM)  
**Prerequisite(s):** Good Mathematics and English skills  
**Estimated Cost:** Standard elective fee

*Brief description:*

The ability to use and understand Information Technology has become an essential skill for effective participation in Twenty-First Century study, commerce and leisure. This two-year course builds on the skills acquired during Middle Schooling and extends into new and exciting areas. Web 2 technologies are explored and used. Participants will learn how to effectively manage their laptops (including file management, trouble shooting, loading software). Assessment is based on assignment work (predominately projects), class activities, homework and exams.

Some of the units studied will include:

## **Computer Systems**

- Hardware and Software
- History of Computing
- Computer Operations

## **Advanced Applications**

- Advanced Word Processing
- Advanced Excel
- Advance PowerPoint

## **Graphics**

- Graphical Theory
- Digital Stills
- Graphic Software
- Program Management
- Adobe Flash
- Adobe Fireworks

## **Robotics**

- Artificial Intelligence
- Ethical Considerations
- Theory of Robotics
- Introduction to Algorithms
- Robot C
- Mindstorm Robots

## **Internet and HTML**

- Workings of the Internet
- Networking
- Internet Ethics
- Introduction to HTML
- Web Page Editors
- Adobe Dreamweaver

## **Gaming / Applications**

- Gamemaker
- Graphical Programming
- Code Programming
- Graphic Design (Sprites)
- Tools to make applications

## **Excursions:**

- Visit to the Academy of Interactive Entertainment
- Robocup Competition

**Unit Title:**                   **Robotics & Gaming (STEM) (1 Year Course)**  
**Prerequisite(s):**            Mathematics and English skills  
**Estimated Cost:**            Standard elective fee

*Brief description:*

This is a one year course that focuses on Robotics and Gaming. Students will be preparing for and participating in Robocup. Robocup consists of Rescue, Dance and Soccer. The history of gaming to modern day phone apps' will be explored. Students will be engaged in the designing and production of simple games and apps'.

Assessment is based on assignment work (predominately projects relating to Robocup), class activities, homework and exams.

Some of the units studied will include:

**Robotics**

- Artificial Intelligence
- Ethical Considerations
- Theory of Robotics
- Introduction to Algorithms
- Robot C
- Mindstorm Robots

**Gaming Applications**

- Gamemaker
- Graphical Programming
- Code Programming
- Graphic Design (Sprites)
- Tools to make phone apps

**Excursions:**

- Visit to the Academy of Interactive Entertainment
- Robocup Competition

# Languages

## Italian

This course is offered as a **two-year course only** and covers the units **Year 9 Italian** and **Year 10 Italian**.

<i>Unit Title:</i>	<b>Year 9 Italian</b>
<i>Prerequisite(s):</i>	Year 8 Italian
<i>Estimated Cost:</i>	Standard elective fee

*Brief description:*

The course aims to foster a positive attitude towards, and a keen appreciation of, the Italian language and culture. The students will engage in a range of communication modes to acquire greater (control and) understanding of the use of the Italian language and culture, in a variety of contexts. The students will have the opportunity to also reflect on how they see themselves as global communicators in our multicultural society.

The Australian National Curriculum for Italian has been phased in to the Italian program in 2015. The course is not exclusive to students with an Italian background. Provision may be made for students with a strong Italian background to join the course at the Year 9 level after consultation with the Italian teacher if they have not completed the prerequisite course.

Students will practice and develop their abilities in all four language skills: listening, speaking, reading and writing. A focus on grammar and the study of current Italian lifestyles and culture are integral elements of the course.

The main text for the course is *Parliamo Italiano Insieme*. However, a variety of other texts and resources will be drawn upon in order to meet all course objectives and students' needs.

Student lap tops and smartboards will be used for revision, extension activities and assignment work.

Topics of study will include:

- Personal Identification
- Italian school life
- Comparing Australian and Italian school life
- Italian teenagers; parties and going out
- Italian festivals
- Fashion and shopping

Proposed Local Excursions:

- Italian restaurants
- Anu Languages Showcase

International Excursions:

- Every second year, an Educational and Cultural Tour of Italy is offered to students studying Italian in Years 9 - 12.

# Japanese

This course is offered as a **two year course only** and covers the units **Year 9 Japanese** and **Year 10 Japanese**

<i>Unit Title:</i>	<b>Year 9 Japanese</b>
<i>Prerequisite(s):</i>	Year 8 Japanese
<i>Estimated Cost:</i>	Standard elective fee

*Brief description:*

The aim of the course is to teach students conversational Japanese and to foster a positive attitude and a keen appreciation of Japanese culture. The basics of the structure of the language as well as the study of writing forms are integral elements of the course. The course covers all four language skills: listening, speaking, reading and writing. Students thus acquire a basis on which to build if they desire to perfect their language skills in later life. Computers and interactive whiteboards will be integrated into many lessons and utilised as a tool for revision, extension and assignment research.

Topics of study will include:

- Family life
- Working and studying
- Likes and dislikes
- Abilities
- Sports and Leisure
- Housing
- Shopping
- Human characteristics
- Teen Culture

The study of the Japanese people and their culture is an important element of the course, as a thorough understanding of this society and its traditions is essential for the correct use of the language even in everyday situations.

The course is based on the text books *Mirai 2* and *iiTomo*, and will also draw on other resources in order to meet all course objectives and students' needs.

Proposed Local Excursions:

- Japanese restaurants
- Japanese Embassy
- Film Festival
- ANU Languages Showcase

Interstate Excursions:

- Cowra Japanese Gardens and Cultural Centre

International Excursions:

- Every second year, an Educational and Cultural Tour of Japan is offered to students who are studying Japanese in Year 9 - 12.
- In the alternate years, students will have the opportunity to host Japanese students from Takefu.

# Performing Arts

## Drama

<i>Unit Title:</i>	<b>1 Year Drama</b>
<i>Prerequisite(s):</i>	None
<i>Estimated Cost:</i>	Standard elective fee

### **Semester 1: Acting for Stage and Screen**

*Brief description:*

In this unit, students will develop the skills and techniques of an actor for both the stage and screen. They explore the Stanislavski method and will apply what they learn to their own acting and theory work. Students will use dramatic and production elements to devise and perform an original work for a live audience at 'Acting Up', a short play showcase at the Canberra Theatre.

### **Semester 2: Skills, Traditions, Tragedy and Comedy**

*Brief description:*

Students will study the most significant genres of dramatic tradition, tragedy and comedy. They will focus on the actor within, with games, improvisation, expressive movement, mime and characterisation. Script exploration utilising these expressive, interpretive and characterisation skills will be an important focus in this unit.

**Performance is an integral part of these units – students must attend performance nights.**

<i>Unit Title:</i>	<b>2 Year Drama</b>
<i>Prerequisite(s):</i>	None
<i>Estimated Cost:</i>	Standard elective fee

*Brief Description:*

This course will include a combination of both Year 9 Units; **Acting for Stage and Screen**, and **Skills, Traditions, Tragedy and Comedy** and the Year 10 Units; **Modern Drama in Performance** and **Performance and Production**.

*Information about Year 10 units can be found in the Year 10 handbook.*

# Music

<i>Unit Title</i>	<b>1 Year Music</b>
<i>Prerequisite(s):</i>	NIL
<i>Estimated Cost:</i>	Standard elective fee

*Brief description:*

**Semester 1: Ensemble Music Practise**

Develop your musical skill so that you may be able to perform in ensembles and as soloists. Students will be encouraged to develop their awareness of dynamic contrast and stage presence to assist with creating more energetic presentation. They will continue developing their knowledge of musical elements and they will create their own songs written for small groups within the class. Students will learn how to use Garageband, Sibelius and other computer programs and will be given the opportunity to develop basic recording techniques. They will also learn how to be critics of other performances through an excursion based assignment.

**Semester 2: Music for Film, Television and Games**

In this unit students will examine how music has been used in different media contexts including, but not limited to, advertisements, television and video games. Students will be given more opportunity to enhance their practical skills and to build upon the musical frameworks of existing works using creative interpretation. Students will continue to develop basic recording techniques and learn more about computer programs such as Sibelius, Guitar Pro and Garageband. By the conclusion of the unit, they will have the task of composing either a jingle for an advertisement, or composing music to enhance a media source such as a computer game work.

<i>Unit Title</i>	<b>2 Year Music</b>
<i>Prerequisite(s):</i>	NIL
<i>Estimated Cost:</i>	Standard elective fee

*Brief description:* This course will include a combination of both Year 9 Units; **Ensemble Music Practise** and **Music for Film, Television and Games** the Year 10 Units; **Extended Ensemble Music Technique** and **Music in Media**.

In Year 10, students will do the **Extended Ensemble Music Technique** and the **Film Music** units.

## Dance

Unit Title                    **1 Year Dance**  
Prerequisite(s):            NIL  
Estimated Cost:            Standard elective fee

Brief description:

Semester 1: **Dance in Musical Theatre**

Explore the colourful, energetic and exciting genre of dance in musical theatre. Students will develop and refine technical and performance skill through safe dance practices and will perform dances from a range of musicals including *Aladdin*, *Hairspray*, *Singing in the Rain* and more. Students will examine the historical perspectives of musical theatre and will engage with their peers to choreograph dances by manipulating and combining the elements. They will also have the opportunity to perform for a live audience at a Dance Evening and lunch time showcase.

Semester 2: **Modern Dance**

Explore and learn a variety of technical and performance skills within the Modern Dance style, including the techniques of *fall and recovery*, *contraction and release* and *off-centre*. Students will learn about and investigate the techniques and influences of a number of modern dance pioneers and dance companies from around the world. They will participate in practical workshops to develop and refine their choreographic skills and they will work with their peers to create their own original dance pieces in response to a stimulus.

Unit Title                    **2 Year Dance**  
Prerequisite(s):            NIL  
Estimated Cost:            Standard elective fee

*Brief description:*        *This course will include a combination of both Year 9 Units; **Dance in Musical Theatre**, and **Modern Dance** and the Year 10 Units; **Dance Film** and **Showbiz**.*

*Information about Year 10 units can be found in the Year 10 Electives Handbook.*

### Dance Extra Curricular Activities

- Excursions to see local and visiting dance companies
- In School workshops
- Dance Ensemble: Students are invited to audition for the Dance Ensemble to have the opportunity to perform at community events in the school and around Canberra, such as Floriade, Belconnen markets and Dance Festival.

## Sports and Recreation Studies

*Unit Title*                      **Sport and Recreation**

**(1 year course for either Year 9 or Year 10)**

*Prerequisite(s):*              Ability to swim 200 metres in 5 minutes (please note that if students don't meet this requirement prior to the surf camp they may not be able to enter certain surf conditions while on surf camp).

*Estimated Cost:*              Sport and Rec elective fee of \$37.50 per term (non-refundable):  
Surf Camp approximately \$250  
Urban Challenge Experience approximately \$350

*Brief description:*

This Sport and Recreation elective is a one year course. Students have the opportunity to participate in the recreation based course in either Year 9 or Year 10. Students who do not gain a place in Year 9 will be prioritised for first selection in Year 10.

This subject provides students with the opportunity to participate in more Physical Education lessons throughout the year of study.

The Sport and Recreation course will give students the opportunity to participate in the following units:

**Safe Surfing:** Students will spend double lessons at the pool, practicing stroke technique and lifesaving skills. During theory lessons students will learn about being safe in the beach environment and prepare for the surf camp. During this unit students will also attend a 3 day surf camp at South Durras, which involves surfing, stand up paddle boarding and canoeing.

**First Aid and Community Sports:** During double lessons students will go to various community venues to experience Canberra's recreational facilities. In theory lessons students will learn basic first aid skills and complete the St John's CPR Certificate. There will be a cost associated if students wish to receive their CPR Certificate.

**Micro Teaching:** In small groups students will have the opportunity to teach primary school students. During their single lessons students will complete lesson plans and practice presentation skills. During the double lessons students will go to a local primary school and run a PE session.

**Urban Challenge:** During their double lessons students will go orienteering, and develop their communication and navigation skills. In theory lessons students will learn about navigating in unfamiliar areas, communicating and working in a team and as well as prepare for the Urban Challenge camp. During this unit students will also attend a 3 day Urban Challenge camp, which involves navigating in an unknown city, problem solving and a range of physical activities.

***Students and parents need to be aware that there is an expectation that students undertaking this course will attend both camps with their class group.***

***There are also swimming requirements that must be met for the surf camp. Weak or non-swimmers are able to attend surf camp but may be restricted in where they can surf (i.e. water depth).***

## Social Science

Each Year 9 student is expected to complete a course of study from at least two of the Social Science subjects.

History is a compulsory subject that must be studied for one semester per year. The Social Science semester long elective courses available to Year 9 students to choose from are:

- Commerce, or
- Geography.

## History

*Unit Title:* **The Making of the Modern World**  
*Prerequisite(s):* None  
*Estimated Cost:* Nil

*Brief description:*

This History unit focuses on the history of the making of the modern world from 1750 to 1918. Students examine some of the main events and people who have shaped the modern world. The influence of the industrial revolution on the movement of peoples including the transatlantic slave trade and convict transportation will be investigated. This will be followed with an in depth study of World War I.

Throughout this unit students will develop their historical understanding, inquiry and skills through key concepts including evidence, continuity and change, cause and effect, perspectives, empathy, significance and contestability.

## Commerce

*Unit Title:* **The World of Business and Money**  
*Prerequisite(s):* None  
*Estimated Cost:* Nil

*Brief description:*

The World of Business unit provides students with an understanding of the Australian economy and Australia's place in the global economy. Students examine the economic and social contributions that are made by small businesses and have the opportunity to think like an entrepreneur and plan, promote and run their own business at Year 9 Market Day. Students evaluate their stalls and consider which factors are crucial for business success.

In the World of Money Unit, students learn about the history of money in Australia and the ways to earn, save, spend and invest it. Students study the importance of personal financial management and develop financial literacy skills to assist them now and in the future. Throughout this unit students will develop their economics and business knowledge and understanding and their economics and business inquiry and skills.

# Geography

*Unit Title:* **Environments and Communities**  
*Prerequisite(s):* None  
*Estimated Cost:* Nil

*Brief description:*

This course comprises the two units of Biomes and food security and Geographies of interconnections. Biomes and food security allows students to investigate the role of biotic environment and its role in food and fibre production. The different biomes of the world are examined and evaluated. Australia is used as a case study to investigate the challenges to maintaining food production and food security

The unit of Geographies of interconnections focuses on investigating how people, through their choices and actions are connected to places throughout the world in a variety of ways and how these connections help to make and change places and their environments. Throughout this unit students will develop their geographical knowledge and understanding and their geographical inquiry and skills.

# Visual Arts

## 2 Year Courses

Would you like to develop your skills using a wide variety of art media?

The Visual Arts department offers two distinct curriculum streams in Year 9 and 10, providing exciting opportunities in a range of specialist areas. In *Digital Photography+Media* you can experience the exciting world of digital photography, image manipulation and computer animation and in *Visual Arts* you are offered the opportunity to try it all, experimenting with many traditional and contemporary techniques and mediums. These units are offered in both a continuing (2-year) and a year long format. All skill levels are well catered for.

**Unit Title:** 2 Year Digital Photography+Media  
**Prerequisite(s):** None – all skill levels are encouraged  
**Estimated Cost:** Standard elective fee

**Brief description:**

Digital media has become one of the fastest growing areas of interest in recent years, and many challenging careers have opened up as a result. In this two year course students will be introduced to many digital media applications, from basic digital photography skills through to extended Photoshop CS and Animation program workshops. There will be a strong focus on innovative interpretation and conceptual development. This is an exciting course with a lot of opportunity to develop and showcase a range of creative abilities. Students studying *2 Year Digital Photography+Media* will be eligible to have their artworks shown in the annual College exhibition.

**Unit Title:** 2 Year Visual Art  
**Prerequisite(s):** None – all skill levels are encouraged  
**Estimated Cost:** Standard elective fee

**Brief description:**

This two year course provides students with a great opportunity to really explore and extend a range of art making techniques and materials. Drawing, painting, printmaking, sculpture, illustration and mixed media projects will be offered, along with the possibility of student-negotiated study. Students may be provided an opportunity to enter their artworks in local and national competitions and exhibitions and visit local art galleries. In addition, students enrolled in *2 Year Visual Art* will be eligible to have their artworks displayed in the annual College exhibition.

## 1 Year Courses

**Unit Title:** Digital Photography+Media 1 Year course  
**Prerequisite(s):** None – all skill levels are encouraged  
**Estimated Cost:** Standard elective fee

**Brief description:**

Many artists and photographers are turning to digital media sources as a means of making art, manipulating their images or creating animations. This year long course teaches students the basics in digital photography, image manipulation and simple animation, using several computer applications. There is a strong focus on ICT-related skill development and conceptual experimentation. Students studying *Digital Photography+Media* will be eligible to exhibit their work in the annual College Visual Arts Exhibition.

**Unit Title:** Visual Art 1 Year Course  
**Prerequisite(s):** None – all skill levels are encouraged  
**Estimated Cost:** Standard elective fee

**Brief description:**

Do you want to increase your art making skills across a range of media? This one year course provides an excellent opportunity to explore your abilities, developing essential techniques in drawing, painting, printmaking, sculpture, illustration and/or mixed media application. The concepts you will explore in *Visual Art* can be applied to many areas of your life and offer you a unique outlet for personal, creative expression. A wide range of artists and art styles will be discussed, providing a comprehensive art education. Students studying *Visual Art* will be eligible to exhibit their work in the annual College Visual Arts Exhibition.

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