

YEAR 10 2018 CURRICULUM HANDBOOK



**GOLDEN GROVE
HIGH SCHOOL**



Principal: Mr Peter Kuss

2017

YEAR 10 CURRICULUM

The Year 10 Course is based on the Australian Curriculum and is the first year of your Senior School Studies. Students study 14 units over the year. All students study the Compulsory Subjects and 5 additional choice units.

COMPULSORY SUBJECTS FOR ALL STUDENTS	
English	2 units
Mathematics	2 units
Science	2 units
Health and Physical Education	1 unit
History	1 unit
Personal Learning Plan (PLP)	1 unit (10 SACE Credits)
CHOICE SUBJECTS	MAXIMUM OF 5 UNITS FROM BELOW
Students choose 5 units from this list below and cannot choose more than 3 units of The Arts. For Special Interest Dance, Music or LOTE (Spanish or Japanese), you must choose 2 units (full year). Students wishing to complete Certificate II in Information Technology, Digital Media and Technology must choose Information Technology A, B and C.	
THE ARTS	
Art	1 or 2 units
Arts on the Go	1 unit
Dance	1 or 2 units
Dance Special Interest	2 units
Design	1 or 2 units
Drama	1 or 2 units
Music	2 units
Charity Performance	1 unit
Yearbook Production	1 unit
HEALTH AND PHYSICAL EDUCATION	
Health and Physical Education B	1 unit
Personal Development A Female Focus	1 unit
Personal Development B – Male Focus	1 unit
HUMANITIES	
Geography	1 unit
Money Markets and Me	1 unit
Social Studies	1 unit
LANGUAGES	
Japanese	2 units
Spanish	2 units
SCIENCE	
Engineering – Shared Campus Subject	1 unit / 10 credits
TECHNOLOGIES	
3D Concepts and Creations	1 unit
Digital Imaging	1 unit
Electronics	1 unit
Food, Textiles & Technologies	1 unit
Food, Nutrition & Entertaining	1 unit
Information Processing and Publishing	1 unit
Information Technology A	1 unit
Information Technology B	1 unit
Information Technology C	1 unit
Metalwork	1 unit
Woodwork	1 unit

*Information Technology A, B C must be chosen
 to complete Certificate II Information, Digital
 Media and Technology*

Year 10 Compulsory Subjects

English

ENGLISH

2 UNITS

ADVICE TO STUDENTS

Students will study this subject as prescribed by the Australian Curriculum.

CONTENT

Students will study a range of texts, both written and visual, which will include classic and contemporary literature such as novels, short stories, plays, films and poems.

They will also examine popular literature in the form of song lyrics, comics, television serials, cartoons, magazines and other similar texts.

Students will also examine the language used in the media and in everyday life, using a variety of texts such as greeting cards, policies, discussions, debates, talk-back radio, newsletters and various electronic communications.

They will develop their reading, listening, speaking, writing, viewing, investigating, researching and thinking skills by finding information, analysing texts and by producing a large variety of their own texts, in oral, written and multimodal forms.

All students will participate in a Short Story writing program in class and as part of an inter-class competition.

They will further extend their reading experience during a weekly silent, sustained reading session.

ENGLISH ACCELERATED

2 UNITS

ADVICE TO STUDENTS

Students will study this subject as prescribed by the Australian Curriculum.

Students will be invited to join these classes on the basis of their performance in Year 9 English and teachers' recommendations.

Students in accelerated classes will deal with a larger number of texts of a more challenging variety and in greater depth than those being studied in other English classes.

CONTENT

Students will continue to develop their English language skills by studying a range of texts, both written and visual, which will include classic, contemporary and popular literature. At least one play by Shakespeare will be studied.

Students will also examine the language used in the media, and in everyday life, and will present personal viewpoints in discussions, debates and expository writing.

They will develop their reading, listening, speaking, writing, viewing, investigating, researching and thinking skills by analysing texts and by producing a large variety of their own texts, in oral, written and multimodal forms.

All students will participate in a Short Story writing program in class and as part of an inter-class competition.

They will further extend their reading experience during a weekly silent, sustained reading session.

ENGLISH MODIFIED (NEP Students)

2 UNITS

ADVICE TO STUDENTS

Students will undertake a modified program to cater for individual literacy needs. Identified students will have an individual negotiated program.

Students will participate in a number of excursions related to specific topics of the course.

CONTENT

- Functional Literacy
- Spelling, Grammar
- Creative Writing
- Reading a variety of texts
- Report Writing
- Resume Writing
- Application Writing

Students will build on their existing knowledge, skills and experience to improve their English skills.

Assessment will be based on the completion of a range of tasks, assignments, investigations and projects.

ENGLISH AS AN ADDITIONAL LANGUAGE

2 UNITS

ADVICE TO STUDENTS

This course is available to students previously identified as learning English as an Additional Language.

CONTENT

This course will develop communicative competence in written and spoken English, particularly in preparation for senior school and future employment opportunities.

Students will learn to search for, extract, and analyse information from a wide range of text types. Students will read widely and write extensively for different purposes and audiences and present ideas and opinions on various issues in group discussion and extended talks.

Assessment will be based on the completion of a range of tasks, assignments, investigations and projects.

ESSENTIAL ENGLISH

2 UNITS

ADVICE TO STUDENTS

This course is designed to improve the literacy skills of students who are below benchmark in NAPLAN or PATR testing. Students will undertake work that is explicitly designed to improve writing skills and reading comprehension skills. Students will have the opportunity to progress into mainstream English classes if testing shows they have improved beyond required benchmarks.

Assessment will be based on a range of written tasks.

This course leads on to Essential English at Stage 1 Level.

Year 10 Compulsory Subjects

Mathematics

MATHEMATICS

2 UNITS

ADVICE TO STUDENTS

Students who studied Year 9 Mathematics will continue in this course.

Students require a scientific calculator (the Casio fx 82 AU PLUS is recommended \$22.00 GST incl).

Assessment tasks include tests, assignments and investigations.

CONTENT

Topics will include:

- Money and Financial Mathematics
- Patterns and Algebra
- Using Units of Measurement
- Linear and Non-linear Relationships
- Geometric Reasoning
- Pythagoras and Trigonometry
- Chance
- Data Representation and Interpretation
- Real Numbers

MATHEMATICAL METHODS

2 UNITS

COST: Students require a scientific calculator (the Casio fx 82 AU PLUS is recommended \$22.00 GST incl).

ADVICE TO STUDENTS

Students who studied Year 9 Mathematical Methods will continue in this course.

Assessment tasks include tests, assignments and investigations.

CONTENT

Topics will include:

- Money and Financial Mathematics
- Patterns and Algebra
- Using Units of Measurement
- Linear and Non-linear Relationships
- Geometric Reasoning
- Pythagoras and Trigonometry
- Chance
- Data Representation and Interpretation
- Real Numbers

ESSENTIAL MATHEMATICS

2 UNITS (10 SACE Credits)

ADVICE TO STUDENTS

Students who complete the Year 9 Numeracy program will undertake this course in Year 10.

This course does not lead to any further study in Mathematics. Successful students will achieve 10 credits towards the SACE and satisfy the compulsory SACE Numeracy requirement.

CONTENT

Students will extend their mathematical skills in ways that apply to practical problem solving in everyday and workplace contexts.

Students will study the following topics:

- Calculations, Time and Ratio
- Earning and Spending
- Measurement

ASSESSMENT

Skills and Application Tasks	50%
Mathematical Investigations	50%

Year 10 Compulsory Subjects

Science

SCIENCE

2 UNITS

ADVICE TO STUDENTS

There will be an opportunity to take part in the Science Competition at a minimal cost.

Assessment tasks will include tests, assignments and investigations.

CONTENT

Topics will include:

- Genetics
- The Periodic Table
- Motion
- Earth Systems
- Evolution
- Reactions
- Energy

Year 10 Compulsory Subjects

Health and Physical Education

HEALTH and PHYSICAL EDUCATION SEMESTER 1

1 UNIT

COST: \$50.00 for each course

ADVICE TO STUDENTS

Under the new Australian Curriculum framework, all students will study Health and Physical Education up to and including Year 10 for one semester. The Year 10 course is strongly focused on preparing students for the rigours of SACE Health, PE and Outdoor Education. All units will be four weeks in duration. Some additional costs may be incurred with external activities offered.

Practical and theory components are assessed evenly through participation, effort, tests, worksheets and assignments.

CONTENT

This course will focus on improving fundamental skills and movement patterns. Students will become familiar with key principles of training and develop a strong affiliation with tactics to outwit opponents.

Students will be offered a range of team and individual sports which act as a natural pathway to Stage 1 and 2 PE.

This unit will focus on less traditional team sports and more on actively engaging in physical activity. Students will gain an appreciation for the importance of remaining active in a less formal manner.

The practical aspects of the course will focus on **Archery, Round the World Games, Badminton, Hockey and Cricket.**

The core theory components of the course will be linked to the Australian Curriculum in Semester 1 inclusive of **relationships and sexuality, mental health & wellbeing and physical activity.**

Practical and theory components are assessed evenly through participation, effort, tests, worksheets and assignments.

Year 10/11 Special Interest Touch

(by invitation only)

This course is designed for students who have accessed the special interest program at middle school level. This course will be combined with Year 11 students who are also familiar with the special interest program. This is an accelerated class that will focus on Touch Football in the lead up to state-wide competitions and carnivals. In addition, this class will be assessed for SACE Stage 1 PE and subsequently follow the SACE unit worth 10 credits.

The core unit of Touch Football will include a second activity which could consist of Volleyball, Softball or another sport.

Practical work makes up 60% of the course, the remaining 40% is covered in the theory – Training principles and methods and an issues analysis relating to sport.

The core theory components of the course will be linked to the Australian Curriculum in Semester 1 inclusive of **relationships and sexuality, mental health & wellbeing and physical activity.**

If selected, this option substitutes the HPE course which is compulsory for all Year 10 students.

Year 10 Special Interest Netball

(by invitation only)

This course is offered to Year 10 girls who have a proven positive experience in the Special Interest Netball program at Year 9 level.

This unit will focus on Netball for 12 weeks. The remaining units will be Volleyball and another sport.

During the Netball program, students will have the opportunity to access a Level 0 or Level 1 coaching course depending on recognised prior learning (RPL). Practical and theory components are assessed evenly through participation, effort, tests, worksheets and assignments. If selected, this option substitutes the HPE Recreation course which is compulsory for all students.

The core theory components of the course will be linked to the Australian Curriculum in Semester 1 inclusive of **relationships and sexuality, mental health & wellbeing and physical activity.**

Year 10 Compulsory Subjects

History

Personal Learning Plan

HISTORY

1 UNIT

ADVICE TO STUDENTS

This compulsory course will follow the Australian Curriculum and be assessed against the Year 10 Achievement Standards.

CONTENT

This course aims to immerse students in a range of engaging learning activities to get them to reflect on how the past has shaped their own lives, thoughts and perspectives. It will also develop the skills needed to allow students to continue on to senior History courses.

The course provides a study of the history of the modern world and Australia from 1918 to the present.

The course consists of:

- World War II – The causes and course of the war, including significant events such as the Holocaust, Kokoda and the use of the atomic bomb.
- Rights and Freedoms – How human rights and freedoms have been ignored, demanded and achieved in Australia and in a broader world context.
- The Environmental Movement – Exploring the intensification of environmental effects in the 20th century, including the concept of sustainability, and how people and governments have responded to environmental threats.

PERSONAL LEARNING PLAN (PLP)

COMPULSORY SACE SUBJECT

10 CREDITS

COST: Students may be involved in excursions including the Career Expo, for which additional costs may be incurred (approximately \$20).

ADVICE TO STUDENTS

The Personal Learning Plan (PLP) is a **compulsory** subject which all Year 10 Students will study as part of the SACE.

The PLP will help students to plan their SACE studies, map out their future, and identify goals needed to achieve progress towards work, training or higher education.

The PLP will assist students to make responsible decisions about their course selection for 2018 in Stage 1 (Year 11) and for 2019 in Stage 2 (Year 12).

Work Experience is a compulsory part of the course. Students will be expected to organise their own placement for five days in Term 3.

Students must pass PLP with an A, B, or C grade to fulfill the requirements of the SACE (South Australian Certificate of Education).

The Personal Learning Plan (PLP) will contribute 10 Credits towards the SACE.

CONTENT

- Personal Development focusing on skills, learning and aspirations.
- SACE Capabilities and Graduate Qualities and Capabilities exploration and understanding.
- Career Investigation: in-depth investigation into an occupation.
- Work Experience and Portfolio: includes organisation, preparation and reflection of work experience and preparation of a resumé and cover letter.
- Volunteering/community work: includes participation in a group volunteering activity and additional individual volunteering.

Year 10 Choice Subjects

The Arts

ART

1 or 2 UNITS

COST: Visual Art \$10 per semester

ADVICE TO STUDENTS

It is recommended that students have completed at least one semester of Art in the Middle School.

CONTENT

Students further refine practical skills including drawing, painting, sculpture and design to represent ideas and subject matter. Development of original ideas and justifying a purpose for their work is emphasised.

Students continue to analyse connections between art pieces within movements and understand how visual conventions are used to convey meaning and create aesthetic value. They will also evaluate the effect culture, time and place have on art work.

ARTS ON THE GO YEARS 9 and 10

1 UNIT

ADVICE TO STUDENTS

This program is Drama-based, but all Performing Arts students are encouraged to be involved as a variety of skills will be drawn upon for the touring production. Students in Years 9 and 10 are eligible to choose this subject.

Students will be involved in creating and presenting a performance to be toured in the local area, particularly to our local primary schools. There may be some costs associated with the touring aspect of this course, such as transport.

CONTENT

The production to be toured will be dependent upon the skills of those who make up the group. Students with performance skills in the visual and performing arts are invited to apply. Those who have off-stage or technical skills are also eligible to apply.

Students will study three x 4 week blocks:

- Technical (sound and light)
- Design (set, costume, promotion)
- Performance.

Competence will be required and assessed in each block. These skills will then be utilised in the staging of the performance that is toured.

A written report will be required based on the skills development program and the student's involvement in the performance and tour. This subject leads to Stage 1 Drama.

DANCE

1 or 2 UNITS

ADVICE TO STUDENTS

The performance component will require evening attendance. Appropriate dance wear is essential.

CONTENT

This course is designed to build fundamental skills in the areas of technique, composition and performance. Students are also exposed to the history of dance, stagecraft skills, safe dance practices and varying dance styles.

DANCE SPECIAL INTEREST DANCE

2 UNITS

ADVICE TO STUDENTS

The performance component will require attendance during the evening. Appropriate dance wear is essential.

CONTENT

This course is designed for students with established skills. Core subjects are classical and modern technique, theory, performance and composition with extension topics in stagecraft, jazz technique and anatomy.

Students currently in Year 9 Special Interest Dance have the option of continuing with Special Interest Dance at Year 10 level, or changing to general Year 10 Dance. If sufficient places are available general students who have studied Dance privately, may audition for a place in the Special Interest class.

DESIGN

1 or 2 UNITS

ADVICE FOR STUDENTS

It is recommended that students have completed at least one semester of Art in the Middle School.

CONTENT

Students develop and refine practical skills used in graphic, environmental and product design industries including software techniques, publishing and prototype production. The development and use of a design brief is emphasised to assist students in justifying a purpose for their work.

Students will analyse connections between design pieces within movements and understand how visual conventions are used to convey meaning and create aesthetic value. They will also evaluate the effect culture, time and place have on design work.

DRAMA

1 or 2 UNITS

ADVICE TO STUDENTS

Students will view at least one live production, which could be a production performed by Golden Grove High School Performing Arts classes or an external professional production. Some costs may be involved for viewing live performances or attending events. Some out of hours commitment may be required.

CONTENT

This course focuses on skill development in performance, stagecraft, the history of Drama and writing for Drama. Some students might begin to study and specialise in technical and design aspects of theatre. Students will be involved in individual and small group performances/projects and full class performances/projects. Performances will be devised to reflect and encompass a range of target audiences.

Focus in all areas will be on the student as a performer and/or designer and as a spectator. The course will culminate in a group production each semester.

Written assessment includes review and script writing, research and design projects, and a report on the major group production. Practical assessment includes skills learned, individual and group work, and the student's role in the class production.

MUSIC

2 UNITS

COST: There is a nominal fee of \$20 per semester for ALL students learning an instrument at school, plus a \$120 fee per semester for hire of instrument if required.

Individual lessons with a private provider cost approximately \$26 per lesson (if selected).

ADVICE TO STUDENTS

Students must have satisfactorily completed Year 9 Music (or equivalent) to select this subject. This subject must be studied as a full year (2 unit) course. Students will have Music classroom lessons and instrumental lessons for the whole year.

Instrumental tuition is provided at the school in two ways. Students may choose either option:

1. Group lessons with DECD Music Branch instructors (free)
2. Individual lessons with a private provider

Please note that keyboard and guitar lessons are only available through private tuition.

CONTENT

Students:

- undertake instrumental lessons
- participate in class ensemble and solo performances
- study aural, theory and analysis
- learn arranging techniques on computers
- study Music in its historical and social context

CHARITY PERFORMANCE YEAR 10 & 11

10 CREDITS (Semester 1 only)

ADVICE TO STUDENTS

ALL Art forms welcome! Students should have a main focus area within The Arts and a desire to develop a secondary skill in an additional art form. Students must be prepared to attend two days of performance, possibly on a weekend.

CONTENT

Students will be involved in creating and presenting a Charity Performance for members of the local community and peer groups.

Areas of involvement could include:

- Dance: dancer, choreographer
- Drama: actor, director, script writer, comedian, magician
- Music: musician, vocalist, song writer, mixer
- Visual Art: collection of art works
- Digital Multi Media: animation products
- Design: front of house, program, costume, set
- Off stage roles: stage manager, music technician, lighting technician, front of house, media, hair and makeup, costume set, liaison with community.

Assessment includes practical aspects of the chosen Arts genre via a community performance to raise money for a charity. Opportunity to develop an additional skill within The Arts is provided. Students would also investigate the use of The Arts as a vehicle for raising money for charity.

YEARBOOK PRODUCTION
(formerly Magazine Production)

1 UNIT

ADVICE TO STUDENTS

The school Yearbook is produced by students enrolled in this semester course. There are limited places available, which may result in a selection process being used to identify those students most suited.

CONTENT

Students will develop their graphic design skills through the collecting, collating and production of the school Yearbook. This is a student-driven project with the class involved in every aspect of management and production including theme development, layout, photography, editing and proofing to produce a print ready product.

While this course has a strong practical component, students will also expand their knowledge of graphic design theory. They will develop an understanding about how visual conventions are used to convey meaning and create aesthetic value. Students will also evaluate the effect of culture/time and place on graphic design and be able to understand the purpose of design work.

Year 10 Choice Subjects

Health and Physical Education

HEALTH & PHYSICAL EDUCATION B Second Semester Course

1 UNIT

COST: The cost to students is \$50.00 unless otherwise stated.

ADVICE TO STUDENTS

Undertaking this course focuses on preparing students for the rigours of SACE Stage 1 and 2 PE or Outdoor Education. Practical and theory components are assessed evenly through participation, effort, tests, worksheets and assignments.

CONTENT

This course will focus on extending student fitness levels and exposing them to challenging activities. Students will become familiar with key principles of exercise physiology and develop a strong affiliation with attack and defensive principles of play. Students will be offered a range of team and individual sports.

There is the flexibility to provide an extended focus on specific sports or activities, including Basketball, AFL, Softball, Soccer and/or Outdoor Pursuits (including an overnight stay).

The primary sport chosen will be the focus for a six week extended unit. Intensive practical lessons will allow students to reinforce key skills and concepts and apply them into game play.

The following four week practical units will be offered with one unit chosen as their extended six week unit:

Semester 1: Badminton, Fitness, Round the World Games or Handball.

Semester 2: Basketball, AFL, Softball, Soccer, Outdoor Pursuits, Volleyball

The core theory components of the course will be linked to the Australian Curriculum in Semester 1 inclusive of **relationships, sexuality and first aid**.

In Semester 2, theory topics include **sport injuries, performance enhancing drugs in sport, and a focus on exercise physiology concepts**.

PERSONAL DEVELOPMENT A Female Focus

1 UNIT

COST: There is an additional cost of approximately \$50.00 for the hire of the Baby Simulator.

CONTENT

Emphasis will be placed on the development of a healthy body through personal presentation, nutrition, fitness and diet analysis.

Students will develop knowledge and skills to make responsible decisions related to sexuality, relationships, health and other female issues.

The program also looks at parenting issues in adolescence, using the baby simulator program.

Assessment of topics includes worksheets, oral presentations, interviews, research assignments and group/collaborative work.

PERSONAL DEVELOPMENT B Male Focus

1 UNIT

COST: Additional costs may be incurred to cover practical activities or excursions. There is an additional cost of \$50.00 for the hire of the Baby Simulator.

CONTENT

Emphasis will be placed on the development of a healthy body image through personal presentation, nutrition and fitness.

Two programs are undertaken throughout the semester:

- Rock and Water program
- Boys Talk

Students develop knowledge and skills to make responsible decisions related to sexuality, relationships and other health issues.

The program also looks at parenting issues in adolescence using the Baby Simulator program.

Weight training is also undertaken as part of the course.

Year 10 Choice Subjects

Humanities

GEOGRAPHY

1 UNIT

COST: Small cost – Compulsory field trip excursion.

ADVICE TO STUDENTS

This elective course will follow the Australian Curriculum and be assessed against the Year 10 Achievement Standards. This course will involve a compulsory field trip excursion.

CONTENT

Geography has an emphasis on human interaction with our environment. The effects of this and how we maintain environmental integrity is the focus of the topics.

Topics include:

- Environmental change and management
- Geographies of human wellbeing

Environmental change and management allows students to investigate specific environments such as the coast and environmental change in Australia and around the world.

Geographies of human wellbeing focuses on investigating global, national and local differences in human wellbeing between places.

Students will get the opportunity to participate in field work, which may include a coastal field trip to investigate issues along Adelaide's coastlines.

MONEY, MARKETS AND ME

1 UNIT

ADVICE TO STUDENTS

This course is in line with the Australian Curriculum Business and Economics subject outline.

CONTENT

The aim of this course is to enable young people to understand more about our financial world. Students will learn about money and how to manage personal financial matters which affect young people's lives, such as online purchasing, banking, taxation, bill

paying and security. They will also learn basic business management in a hands-on and personalised way.

Topics include:

- Plan and run your own business
- Banking / credit
- Managing personal finances
- Consumers' roles
- The Australian economy

Many of the activities will involve working with IT, participating in teams, completing surveys, writing reports and running a business.

SOCIAL STUDIES

1 UNIT

ADVICE TO STUDENTS

This course is in line with the Australian Curriculum Civics and Citizenship subject outline.

This subject is designed to give students the knowledge and skills needed to study Society and Culture and/or Legal Studies in their senior years.

CONTENT

Students will gain an understanding of Australia's system of government through comparison with other systems of government such as communism and dictatorships. They will study the role of the United Nations, including Australia's roles and responsibilities within an international context. Students will also learn about Australia's legal system, including the role of the High Court. They will also explore contemporary issues in Australian society. This will include the media's stereotypical portrayal of certain groups in society and how to make Australian society more cohesive.

Students will get the opportunity to participate in mock court trials and parliament debates and will visit the SA courts and Parliament House to cement their learning about Australia's government and legal system.

Year 10 Choice Subjects

Languages

JAPANESE

2 UNITS

ADVICE TO STUDENTS

This course assumes successful completion of Japanese in Year 9. This subject must be studied as a full year course (2 units).

Students have prior experience of learning Japanese and bring a range of capabilities, strategies and knowledge that can be applied to new learning. They are expanding the range and nature of their learning experiences and of the contexts within which they communicate with others. They have a growing awareness of the wider world, including the diversity of languages, cultures and forms of intercultural communication. They are considering future pathways and prospects, including how Japanese may feature in these.

CONTENT

This course further develops an understanding of the language and culture while focusing on communication skills in writing, speaking, listening and reading Japanese.

Topics may include:

- Growing up
- Nationalities
- Famous Japanese people
- Popular fast food in Australia and Japan
- Shopping
- Making plans with friends
- City and country living
- Giving directions

SPANISH

2 UNITS

ADVICE TO STUDENTS

This course assumes successful completion of Year 9 Spanish. This subject must be studied as a full year course (2 units).

Students have prior experience of learning Spanish and bring a range of capabilities, strategies and knowledge that can be applied to new learning. They are expanding the range and nature of their learning experiences and of the contexts within which they communicate with others. They have a growing awareness of the wider world, including the diversity of languages, cultures and forms of intercultural communication. They are considering future pathways and prospects, including how Japanese may feature in these.

Students studying Year 10 Spanish have the opportunity to participate in the Spanish Humanities European Study Tour. This is a biannual immersion trip to Europe where students will complete a two week intensive Spanish language course.

CONTENT

This course develops an understanding of the language and culture while focusing on communication skills in writing, speaking, listening and reading in Spanish.

The ability to speak fluently and with confidence is developed through school based practice and shared learning with other schools, such as a visit to Flinders University. This course provides a solid base in preparation for Spanish at SACE level.

Topics may include:

- Personal Experiences
- Future plans and future tense
- Holidays
- Health
- Films, music, TV and Novels including a visit to the Spanish Film Festival
- Giving opinions
- Social and environmental issues including visits to local primary school
- Visit to Flinders University

Year 10 Choice Subjects

Science

YEAR 10 SHARED CAMPUS SUBJECT ENGINEERING

1 UNIT

(potential to completed as a Stage 1 Scientific Studies Unit receiving 10 SACE Credits)

****This is a shared campus subject and will have students from Gleeson College, Golden Grove High School and Pedare Christian College. ****

As this is a shared subject an application form must be completed and places are limited.

This subject is particularly useful for students hoping to undertake Physics and or Chemistry at Stage 1.

ADVICE TO STUDENTS

This course is designed for Year 10 students with an interest in a career in Engineering. To secure a place in this class students must be passing year 10 Mathematics and Science.

The school-based assessments and the external assessment will be marked with reference to the performance standards.

OVERVIEW

The study of Scientific Studies (Engineering) includes an overview of the matter that makes up materials, and the properties, uses, means of production, and reactions of these materials as well as the study of motion in two dimensions.

Students work in small groups as an Engineering team whilst studying the elements of Chemistry, Physics and Mathematics to design and make a sports shoe. Through practical studies students develop investigation skills, and an understanding of the physical world that enables them to be questioning, reflective and critical thinkers.

The focus **capabilities** for this subject are communication and learning.

CONTENT

The design and content of the program is determined at the school level. Examples of areas of learning and topics include:

Area of Study	Topics
Carbon Chemistry	Hydrocarbons Organic nomenclature Materials
Two-dimensional Motion	Forces Movement in 2D
Skills	Experimental design Graphing

ASSESSMENT

Assessment at Stage 1 is school based. Students demonstrate evidence of their learning through the following assessment types:

- Investigations Folio
- Skills and Application Tasks

Year 10 Choice Subjects

Technologies

3D CONCEPTS AND CREATIONS

1 UNIT

ADVICE FOR STUDENTS

Students who have an interest in design and technologies, drafting, design, architecture or engineering would benefit from this course.

This subject does not assume any previous drawing experience.

CONTENT

This course introduces computer aided drafting using Auto Desk Inventor. Students develop 2D and 3D modelling skills and a working knowledge of orthographic and isometric projection.

Students will also use a Roland 3D mill, 3D printers and a laser cutter to produce prototypes in advanced manufacturing.

Assessment will be based on the student's 2D and 3D drawings and other written tasks.

DIGITAL IMAGING

1 UNIT

ADVICE TO STUDENTS

Students will find this subject a valuable introduction to the types and uses of digital images for print and digital media.

The subject provides students with skills that will be useful for the Yearbook Production subject available in second semester, as well as a good background for the development of web pages (part of the subject Information Technology – B. By itself this subject does not lead to Stage 1 Information Technology.

Students will require Internet credits. It is essential to have access to the Internet outside class time.

CONTENT

- learning about a range of input sources and the skills to use them for digital imaging acquisition – eg scanner, digital camera, World Wide Web.
- learn the basics of suitable software so as to manipulate images to suit different applications (eg photo, web, videos).
- producing a series of images as part of a digital portfolio in response to given design briefs.

This course has a strong practical focus where students will be expected to use equipment and learn software to complete tasks. Students will also be asked to complete theory assessment.

ELECTRONICS

1 UNIT

ADVICE FOR STUDENTS

This course will assist students with a career pathway into electronics and Certificate II in Electro technology. It is not a prerequisite for the Certificate course.

CONTENT

Emphasis on the basics of electronics, component recognition, electronic systems, processes and production.

Student will be introduced to software including circuit wizard and PICAXE for programming and the use of mills, engravers and 3d printer to realise final products.

Assessment will be based on knowledge and process and production skills.

FOOD, NUTRITION & ENTERTAINING

1 UNIT

COST: Students are advised that there are additional costs involved of \$60 per semester which are related to practical activities. This may be subject to change.

CONTENT

Students will develop an understanding of the relationship between health and diet through the study of the Australian Dietary Guidelines and the role of nutrients in the diet, using computerised dietary analysis.

Students will gain skills and knowledge in food preparation, presentation and service. Emphasis will be placed on planning, time-management, budgeting and the serving of meals along with its presentation eg. garnishing and decorating.

FOOD, TEXTILES & TECHNOLOGIES

1 UNIT

COST: Students are advised that there are additional costs involved of \$60.00 per semester which are related to practical activities. This may be subject to change. Material will also need to be purchased for the textiles component of the course.

CONTENT

Emphasis is placed on technology in both food and textiles components.

FOOD TECHNOLOGY

Students will investigate the impact of technology on Australian food consumption and preparation. Students will be involved in oral presentations, demonstrations and food practicals.

TEXTILES TECHNOLOGY

Recycling, renewing and creating is the focus in this section of the course. Students will create items involving design, construction and self-evaluation. They will investigate and analyse garment choices and gain an understanding of sustainability in relation to textiles.

INFORMATION PROCESSING AND PUBLISHING

1 UNIT

ADVICE TO STUDENTS

Students will be required to purchase additional printing/internet credits over and above those provided by the school.

CONTENT

Word Processing is a major component of this course. An emphasis is placed on the correct keyboarding techniques. Topics covered include letters, mail merge, tables, essays, and production tasks.

Desktop Publishing is covered and includes the layout and design of tasks such as menus, advertisements, brochures, and itineraries.

INFORMATION TECHNOLOGY A

1 UNIT

ADVICE TO STUDENTS

To achieve the Certificate II in Information, Digital Media and Technology, students must complete all three of the following Year 10 subjects:

- **Information Technology – A**
- **Information Technology – B**
- **Information Technology – C**

Students will require Internet credits. It is essential to have access to the Internet outside class time.

CONTENT

- using an operating system
- using Excel to solve problems
- using Flash to create animations in response to design briefs for website purposes
- using social media tools

INFORMATION TECHNOLOGY B

1 UNIT

ADVICE TO STUDENTS

To achieve the Certificate II in Information, Digital Media and Technology, students must complete all three of the following Year 10 subjects:

- **Information Technology – A**
- **Information Technology – B**
- **Information Technology – C**

Students will require Internet credits. It is essential to have access to the Internet outside class time.

CONTENT

- using an operating system
- using Dreamweaver to create and publish web pages; inserting buttons, graphics, animated graphics, sound and other effects to produce dynamic and exciting web pages.
- using Microsoft Access to solve problems (including table design, queries to select, sort, calculate and summarize data. Creating tables, forms and reports)
- using a digital media technology package

INFORMATION TECHNOLOGY C

1 UNIT

ADVICE TO STUDENTS

To achieve the Certificate II in Information, Digital Media and Technology, students must complete all three of the following Year 10 subjects:

- **Information Technology – A**
- **Information Technology – B**
- **Information Technology – C**

Students will require Internet credits. It is essential to have access to the Internet outside class time.

CONTENT

- computer operating systems and hardware
- connect hardware peripherals
- connect and use a home-based local wireless network
- protect and secure information assets
- detect and protect from spam and destructive software
- install software applications
- participate in environmentally sustainable work practices
- work and communicate effectively in an IT environment
- contribute to health and safety of self and others
- apply problem solving techniques to routine IT malfunctions

The course combines both theory and practical sessions.

Students are expected to develop and demonstrate **ALL** workplace competencies to achieve the certificate.

METAL WORK

1 UNIT

ADVICE TO STUDENTS

Additional costs may be incurred, depending on use of materials for individual project work.

CONTENT

This course teaches the methods used to shape, join, assemble and finish metal-based artifacts.

Safe working practices and technological issues related to the use of metals and associated tools and equipment are covered.

The course includes: Metal Machining, with possible Computer Integrated Manufacture, Oxy-Acetylene and Electric Welding and Plasma Cutting.

Assessment tasks include exercises to demonstrate skill development, Design Folio, a CAD component (Computer Assisted Design), and a written reflective component. Assessment will be based on practical and written tasks.

WOODWORK

1 UNIT

ADVICE TO STUDENTS

Additional costs may be incurred, depending on use of materials for individually designed project work.

CONTENT

This course is centered on the development of an understanding of joining timber using framing and/or casework joints in a small project.

Safe working practices and technological issues related to the use of wood and associated tools and equipment are covered.

Assessment tasks include exercises to demonstrate skill development, a Design Folio and a written reflective component. A CAD (Computer Assisted Design) component may also be offered. Assessment will be based on practical and written tasks.

