

YEAR 10

2019 CURRICULUM HANDBOOK

Respect • Equality • Pride • Integrity • Resilience



**GOLDEN GROVE
HIGH SCHOOL**

2018

Principal: Mr Peter Kuss



YEAR 10 CURRICULUM

All Year 10 subjects are based on the Australian Curriculum and this is the first year of your SACE PLP. Students study 14 units across the year. All students study the Compulsory Subjects and 5 additional choice units.

COMPULSORY SUBJECTS FOR ALL STUDENTS	
English	Full Year
Mathematics	Full Year
Science	Full Year
Health and Physical Education	1 Semester
History	1 Semester
Personal Learning Plan (PLP)	1 Semester (10 credits SACE Stage 1)
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 <u>must</u> choose Full Year (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 Semester or Full Year
Arts on the Go	1 Semester
Dance	1 Semester or Full Year
Dance Special Interest	Full Year
Design	1 Semester or Full Year
Drama	1 Semester or Full Year
Music	Full Year
Performing Arts Production	1 Semester / (10 credits SACE Stage 1)
Yearbook Production	1 Semester / (10 credits SACE Stage 1)
HEALTH AND PHYSICAL EDUCATION	
Health and Physical Education B	1 Semester
Personal Development A - Female Focus	1 Semester
Personal Development B - Male Focus	1 Semester
HUMANITIES	
Geotourism	1 Semester
Law and Society	1 Semester
LANGUAGES	
Japanese	Full Year
Spanish	Full Year
SCIENCE	
Engineering – Shared Campus Subject	1 Semester / (10 credits SACE Stage 1)
TECHNOLOGIES	
Electronics	1 Semester
Child Studies	1 Semester
Food & Hospitality	1 Semester
Digital Technology	1 Semester
Metalwork	1 Semester
Woodwork	1 Semester

Year 10 Compulsory Subjects

English

ENGLISH

Full Year

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 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 (Only by Selection Process)

Full Year

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 number of texts of a more challenging nature 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.

ESSENTIAL (SUPPORT) LITERACY (YEARS 8-10)

Full Year

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.

ESSENTIAL ENGLISH
(Only by recommendation)

Full Year

ADVICE TO STUDENTS

Students will study this subject as prescribed by the Australian Curriculum. Students will be recommended to join these classes based on their performance in Year 9 English and teachers' recommendations.

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 their results show 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

GENERAL MATHEMATICS

Full Year

ADVICE TO STUDENTS

Students will be placed into this course based on performance and achievement in Year 9, as well as teacher recommendations.

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

MATHEMATICAL METHODS

Full Year

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

ADVICE TO STUDENTS

Students will be placed into this course based on performance and achievement in Year 9, as well as teacher recommendations.

Assessment tasks include tests, assignments and investigations.

CONTENT

Topics will include:

- 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 NUMERACY

Full Year (10 credits SACE Stage 1)

ADVICE TO STUDENTS

Students who complete the Year 9 Essential 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%

ESSENTIAL MATHEMATICS

Full Year

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

ADVICE TO STUDENTS

Students will be placed into this course based on performance and achievement in Year 9, as well as teacher recommendations.

Assessment tasks include tests, assignments and investigations.

CONTENT

Topics will include:

- Money and Financial Mathematics
- Using Units of Measurement
- Linear Relationships
- Pythagoras and Trigonometry
- Geometric Reasoning
- Data Representation & Interpretation
- Chance

Year 10 Compulsory Subjects

Science

SCIENCE

Full Year

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 Semester

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 (SHINE SA), mental health & wellbeing and physical activity.**

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

PHYSICAL EDUCATION – (NETBALL FOCUS – MIXED)

YEAR 10/11 CLASS – SECOND SEMESTER COURSE

10 Credits Stage 1 SACE

COST: There is an additional cost of approximately \$50 to cover the cost of the online Foundation Coaching Course.

ADVICE TO STUDENTS

This course is offered to students who have accessed and had a positive experience in the Netball Focus program at Year 9 level. **IT IS ALSO AVAILABLE TO ANY ADDITIONAL INTERESTED GIRLS OR BOYS BY WRITTEN APPLICATION (TO MRS WALTER IN TERM 3).**

CONTENT

Students participate in a variety of physical activities focusing on one or more movement concepts or strategies to improve performance. The activities may include:

Sports: Badminton, Volleyball, Team Handball, Netball, Touch, Australian Football, Soccer and/or Golf

Theme-Based Games: Gamification (using an electronic game or application as inspiration for designing and playing a 'real-life' game) and Sport Education (student-centred approach, which adopts the best parts of community sport to enhance student learning).

Fitness and Recreational Activities: Lab activities such as fitness testing and/or implementing training methods to improve performance.

THEORY TOPICS

SEMESTER 2

- Skill acquisition concepts
- Biomechanical efficiency for skilled movement
- Role of feedback and its effect on learning and performance
- Physiological barriers and enablers to participation
- Social strategies to manipulate equity in participation

ASSESSMENT

Type 1: Improvement Analysis Task	50%
Type 2: Physical Activity Investigation	50%

YEAR 10 SPECIAL FOCUS TOUCH

(by invitation only)

10 Credits Stage 1 SACE

CONTENT

Students participate in a variety of physical activities focusing on one or more movement concepts or strategies to improve performance. The activities may include:

Sports: Badminton, Volleyball, Team Handball, Netball, Touch, Australian Football, Soccer and/or Golf

Theme-Based Games: Gamification (using an electronic game or application as inspiration for designing and playing a 'real-life' game) and Sport Education (student-centred approach, which adopts the best parts of community sport to enhance student learning).

Fitness and Recreational Activities: Lab activities such as fitness testing and/or implementing training methods to improve performance.

THEORY TOPICS

SEMESTER 1

- The body's response to physical activity
- Application of energy sources affecting performance
- Application of the effects of training on physical performance
- The effect of training on the body

ASSESSMENT

Type 1: Improvement Analysis Task 50%

Type 2: Physical Activity Investigation 50%

Year 10 Compulsory Subjects

History

HISTORY

1 Semester

CONTENT

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

PERSONAL LEARNING PLAN (PLP)

COMPULSORY SACE SUBJECT

10 Credits Stage 1 SACE

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 Semester or Full Year

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.

DANCE

1 Semester or Full Year

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

Full Year

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 Semester or Full Year

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 Semester or Full Year

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 and full class group performances. 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

Full Year

COST: There is a \$120 fee per semester for hire of instrument if required.

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 with group lessons provided by the Education Department music instructors at no cost.

Students have the option of individual lessons with a private provider outside of school.

Please note that keyboard and guitar lessons are not available at school.

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

PERFORMING ARTS PRODUCTION YEAR 10 & 11

1 Semester, 10 Credits Stage 1 SACE

ADVICE TO STUDENTS

All art forms are welcome! Students must be prepared to attend two days of performance, possibly including a weekend rehearsal. Students from any art for can be involved in the school production as there is opportunities to work in all elements of a production in both off stage and on stage capacities. A production will be chosen and the course will culminate in a final performance of the production.

CONTENT

Students will be guided by teachers in the creating and presenting of the school production. Depending on the cohort of students, some of the areas below may not be included in the production.

Possible areas of involvement may include:

- Drama; actor, dramaturg
- Dance; dancer, choreographer
- Music; musician, vocalist, song writer
- Design; front of house, program, costume, set
- Digital Multi Media; animation
- Off stage roles; stage manager, assistant director, sound and lighting technician, front of house, publicity, set design & construction, media, hair and makeup.

Assessment includes: Investigation into chosen art forms, analysis of the page to stage process, performance and a production report.

ART DESIGN (Yearbook)

1 Semester, 10 Credits Stage 1 SACE

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

Full Year

Full Year

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.

The following five week practical units will be offered:

Semester 1: Cricket, Archery, Badminton, Round the World Games or Hockey.

Semester 2: Football Codes, Softball, Outdoor Pursuits, Volleyball or Golf

The core theory components of the course will be linked to the Australian Curriculum in Semester 1 inclusive of **relationships, sexuality (SHINE SA)**.

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

PERSONAL DEVELOPMENT

Female Focus

1 Semester

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

Male Focus

1 Semester

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.

- 'Man Up' 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.

Focus Topics:

- Health (men's)
- Communication Skills
- Stereotypes
- Mentoring
- Physical Engagement

Year 10 Choice Subjects

Humanities

GEOTOURISM

1 Semester

COST: \$14 – Compulsory field trip excursion.

ADVICE TO STUDENTS

This subject is designed to give students the knowledge and skills needed to study Geography and/or Tourism in their senior years. Students will be given the opportunity to participate in field work and there is a compulsory field trip excursion. This will likely be to Glenelg to explore impacts on coastal areas.

CONTENT

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

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, particularly within the field of tourism.

Topics include:

- Environmental change and management
- Geographies of human wellbeing

Environmental change and management allows students to investigate specific environments such as the coast. They look at the impact and management of human activities such as development, tourism and pollution 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.

LAW AND SOCIETY

1 Semester

ADVICE TO STUDENTS

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

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

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.

Students 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

Full Year

ADVICE TO STUDENTS

This course assumes successful completion of Japanese in Year 9. This subject must be studied as a Full Year course (Full Year).

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

Full Year

ADVICE TO STUDENTS

This course assumes successful completion of Year 9 Spanish. This subject must be studied as a Full Year course (Full Year).

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

ENGLISH AS AN ADDITIONAL LANGUAGE

Full Year

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.

Year 10 Choice Subjects

Science

YEAR 10 SHARED CAMPUS SUBJECT ENGINEERING

1 Semester

(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

ELECTRONICS

1 Semester

ADVICE FOR STUDENTS

This course suits students who are considering a career or further study in electro technology or who have an interest in the design and manufacture of electronic equipment. Confidence in researching, writing and performing mathematical calculations is advantageous for this course.

CONTENT

Students are introduced to theory concepts, electrical components and calculations for circuit design activities using manual and software based prototyping methods.

Practical tasks may include circuit board manufacture using a CNC engraver, solder-based assembly techniques and introductory programming of microprocessors.

Tasks will be assessed against the Australian Curriculum Achievement standard for Design and Technologies.

CHILD STUDIES

1 Semester

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.

CONTENT

This is an introductory course which will lead in to both Stage 1 and Stage 2 Child Studies. The course is designed for students interested in working with children 0-8 years. It aims to introduce students to the knowledge and skills requires to care for children.

Topics might include:

- Nutrition required during pregnancy
- Cost of having a baby – what do I really need?
- Food practicals
- Items for babies which might include clothing or toys

FOOD AND HOSPITALITY

1 Semester or Full Year

COST: Students are advised that there are additional costs involved of \$60 for a 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.

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.

DIGITAL TECHNOLOGIES

Digital Technologies, Semester and Full Year, contain different topics. Students are encouraged to choose a Full Year. This course provides foundation knowledge for completing SACE Stage 1 and Stage 2 Digital Technologies.

Digital Technologies Semester

ADVICE TO STUDENTS

Digital Technologies A provide students an opportunity to extended their understanding in using programming language to solve problems. Students use different software packages to create digital solutions to practice and improve their computational thinking skills. Students have to work collaboratively through the course.

Internet credits are required through the course. It is essential to have access to the Internet outside class time.

CONTENT

- Excel
- Programming
- Multimedia Flash
- Using Social Media for Collaboration & Engagement

Digital Technologies Full Year

ADVICE TO STUDENTS

Students explore how data can be secured through various methods such as access controls, virus checking, encryption, backups, data masking, and data erasure. Examine malicious code such as computer viruses, malware, adware, Trojans and spyware that are used to commit cyber-attacks. Students explore how to manage data, store data and retrieve data efficiently by using database. Students use a programming language to solve real world problems. Students discovery the ways that Augmented Reality impact on modern life.

Internet credits are required through the course. It is essential to have access to the Internet outside class time.

- Data and Database
- Programming
- Augmented Reality

DESIGN TECHNOLOGY (METAL WORK)

1 Semester

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.

DESIGN TECHNOLOGY (WOODWORK)

1 Semester

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 cascase 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.

NOTE: The above mentioned skill sets could be combined if asset resources are available.

