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Welcome

Our students come from across the road and around the world. They all know that the focus of studying at Thebarton Senior College is about learning for life.

Whether learning skills to enter the workforce or to prepare for tertiary study, learning is a lifelong journey.

At Thebarton Senior College we value respect, innovation, excellence and sustainability. Respect for each other and ourselves is demonstrated by a committed staff who work with you to ensure you reach your goals. Innovation is evident in our programs that provide opportunities for all students to find a pathway which interests them. Our pathways might begin with learning English, how to read and write, the skills for a particular job, but all lead to university or TAFE entry. Excellent staff, quality resources, high expectations and support will ensure you have the most experienced teachers who will challenge you to be your best. As a United Nations School for Global Peace, we strive to sustain both our community and our environment.

We will offer you an outstanding program to assist you in completing your senior secondary education and establishing your pathway to work or further study.

This handbook outlines all the courses available. Our enrolment team will provide you with the advice you need to design the program appropriate to your specific needs.

For the very latest information on courses, please refer to our website at www.tsc.sa.edu.au

Kim Hebenstreit
Principal
October 2013
Becoming a student

ENROLMENT & COUNSELLING
Choosing the right course for you is important and our counselling team is available to guide you through the process and advise you of pathways which will help you achieve your goals.

Most of our courses are conducted over a full year or semester (half year).

We have two main enrolment periods:
• October - February for Semester 1 and full-year programs
• May - July for Semester 2 programs

CLASS TIMES
Most day classes begin at 8.40am, 10.55am, 1.20pm or 3.15pm and last for 105 minutes two or three times a week.
Some classes are offered in a twilight session from 4.00 - 7.00 pm.

At least one subject will be offered entirely on-line in 2014 and most subjects in SACE and VET will be supported with on-line components.

Some specialist courses, especially in The Skills Centre, may have different starting and finishing times. These will be discussed with you at enrolment.

ATTENDANCE
Regular attendance is important to help you succeed. You are required to attend at least 75% of lessons and to complete at least 75% of set assessment tasks or you may risk the cancellation of your enrolment at the College.

If you are receiving financial assistance through Centrelink, you must maintain regular attendance to qualify for your benefit. More than five unexplained absences in a term may mean a cut to your benefit.

If you are absent through illness, phone the College on 8352 5811 and then present your medical certificate to Reception on your return.

If you are experiencing difficulties or need support or advice, speak to a counsellor who is there to help you achieve your goals.
Our courses...your pathway

Thebarton Senior College offers a wide range of courses and subjects to suit your needs. You will be able to complete your South Australian Certificate of Education (SACE) in a variety of ways, from the academic pathway to the vocational training courses offered through our Registered Training Organisation (RTO). Courses fall into four broad groups.

ENGLISH LANGUAGE PROGRAMS

New Arrivals Program
This program offers an intensive English language and literacy course for adults. It aims to prepare students for living and working in the Australian community and for further study. See page 7.

Certificate in English Proficiency
The Certificates 1 and 2 in English Proficiency (40620SA, 40621SA) are nationally accredited courses designed for people from non-English speaking backgrounds who wish to develop the English skills necessary for living, working and/or studying in Australia. They may provide a pathway into TAFE training. See page 9.

CORE SKILLS
These subjects are designed for students with limited English skills. They are suitable for students with non-English speaking backgrounds with developing English and for those students with difficulties in English proficiency. They focus on the development of language, literacy and numeracy skills and prepare students for SACE studies. See page 10.

SOUTH AUSTRALIAN CERTIFICATE OF EDUCATION (SACE)

Stage 1 and Stage 2
We offer a very wide range of SACE subjects, at both Stage 1 and Stage 2. For further details, please see page 14.

To gain the SACE, students need to meet the following compulsory requirements:
- Personal Learning Plan (10 credits at Stage 1)
- Literacy – at least 20 credits from a range of English subjects or courses
- Numeracy – at least 10 credits from a range of mathematics subjects or courses
- Research Project – an in-depth major project (10 credits at Stage 2)
- Other Stage 2 subjects totaling at least 60 credits

The remaining 90 credits can be gained through additional Stage 1 or Stage 2 subjects or SACE Board-recognised courses of a student's choice.

Students must achieve a C grade or better in each of the compulsory SACE elements.

Stage 1 subjects are assessed by teachers at the College and moderated by the SACE Board.

All SACE Stage 2 subjects are moderated by the SACE Board and have school assessed and externally assessed components.

Further information about the SACE is available on the SACE Board web site at www.sace.sa.edu.au.

Back to Contents
Our courses... your pathway

THE SKILLS CENTRE
An innovative development in the teaching of skills that are in demand in the workplace, The Skills Centre will focus on preparing students with work-ready skills and workplace experience in the areas of building, construction, metal trades, information technology, multimedia, community services and business. See page 75.

VOCATIONAL CERTIFICATES (VET)
Our VET Certificate courses provide a set of related subjects that give students the skills and knowledge needed to obtain a nationally accredited certificate in the industry.

When successfully completed, students will achieve a nationally recognised qualification at Certificate level (or Statement of Attainment if a full qualification is not completed).

All our VET courses contribute to SACE completion.

See the Skills Centre section of this book (page 75) for details of courses available in 2014.

SKILLS FOR ALL
Thebarton Senior College is a Skills for All provider. Individuals who meet course entry requirements and are able to verify their eligibility may be able to access government subsidies for their training. See page 76 for available subsidised courses.

TRAINING GUARANTEE FOR SACE STUDENTS
Students who are over 16 and working towards SACE completion may be eligible for funding towards a VET qualification (up to Certificate 3 level) in a variety of courses to contribute to their SACE.
NEW ARRIVALS PROGRAM
The New Arrivals Program (NAP) offers an intensive English language and literacy course for adults. It aims to prepare students for living and working in the Australian community and for further study.

PREREQUISITES
To enrol students must:
• be permanent residents or on long-stay visas with permission to study in Australia
• have been in Australia less than 12 months

ATTENDANCE
Students study full time and attend 25-27 hours per week (14-15 lessons). It is expected that students will complete homework in addition to attending classes.

ENROLMENT
Students are assessed on entry and placed in an appropriate class. Classes consist of groups of students at similar levels of English competency.

COURSE LENGTH: 2 - 4 SEMESTERS
Students are enrolled into the New Arrivals Program continuously throughout the year. Students graduate when their English level is assessed to be at the required standard and is based on teacher recommendations.

In their first semester, students study:
• English as a Second Language
• Computing
• Students also develop English through Physical Education and Art

In their second/third/fourth semester students study:
• English as a Second Language
• Computing
• Mathematics
• Science

Students also develop English through Home Economics and Technology (Woodwork)

COURSE CONTENT
Students in the New Arrivals Program study the following subjects:

English as a Second Language
Students develop an understanding of Australian culture and gain knowledge of educational and career choices. Students develop writing, reading, speaking, listening and research skills through topics such as:
• orientation to Australian society
• migration and multiculturalism
• the media
• current affairs
• careers
• the environment

Excursions are an important way students learn English in the program.

Computing
Students can develop skills in:
• word processing
• digital storytelling
• PowerPoint
• spreadsheets
• online learning and research

This subject supports language development within the NAP program. Students use computing skills in other NAP subjects.

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NEW ARRIVALS PROGRAM
continued from previous page

Mathematics
Students develop English language and skills appropriate for Mathematics.
Students develop mathematical knowledge, learn to apply the knowledge and are able to communicate mathematically through topics such as:
- percentage
- decimals
- geometry
- area
- ratio
- graphing

Science
Students develop English language and skills appropriate for Science.
Students develop and communicate scientific knowledge through topics such as:
- microscope and cell structure
- human body and reproduction
- states of matter and physical and chemical changes
- elements, compounds and mixtures
- forces or energy
- acids, bases and indicators
Students also learn research and laboratory skills.

ASSESSMENT
Assessments are carried out each term and reports are issued at the end of each semester.

PATHWAY
Students graduating from the New Arrivals Program can choose a pathway through the SET - Transition to Work program, Core Skills courses, the South Australian Certificate of Education (SACE), vocational certificate programs or other further education.

FURTHER INFORMATION
Each class attends our City Campus (1st Floor, 22 Grenfell Street, Adelaide) for lessons on one day a week. These lessons are part of the English curriculum and provide the students with opportunities to learn more about the city, its culture and people.
ENGLISH PROFICIENCY CERTIFICATES

The Certificates in English Proficiency are nationally accredited courses designed for people from non-English speaking backgrounds who wish to develop the English skills necessary for living, working and/or studying in Australia.

ENGLISH PROFICIENCY CERTIFICATE 1: 40620SA

This program is offered to students who cannot access the New Arrivals Program or who have been in Australia for some time. Students study a minimum of 6 lessons of English per week, covering:

- conversational English
- giving personal information
- numeracy including money, weights and measures
- following instructions
- reading short texts
- requesting information and making complaints
- understanding spoken and written instructions
- writing short descriptions and recounts
- study skills and goal setting

ENGLISH PROFICIENCY CERTIFICATE 2: 40621SA

This program is for students who are proficient at Certificate 1 level. Students will study a minimum of 6 lessons of English per week covering:

- using community services
- leisure
- being a consumer
- keeping safe and secure
- education services
- health services
- Australian government

ELECTIVES

Grammar and Writing
Helps students to understand the rules and patterns of grammar. Students will write various short texts.

Conversation and Pronunciation
Students will revise basic sounds of English and the ways they are combined. These electives may help students to achieve other competencies towards these certificates.

ASSESSMENT

Competency based assessment is used.

ACCREDITATION

Students who successfully complete all the competencies will be accredited with a Certificate in English Proficiency at either Certificate 1 or 2 level. Thebarton Senior College is a Registered Training Organisation for these certificates.
THE CORE SKILLS
• Learning
• Reading
• Writing
• Oral Communication
• Numeracy

These skills are essential for people to participate in our society. People need to communicate effectively in many different ways, for diverse purposes, in a variety of contexts and to think critically about information and ideas.

The Australian Core Skills Framework (ACSF) provides a rich, detailed picture of real-life performance in adult learning, English language, literacy and numeracy. It provides a consistent national approach to the identification of the core skills requirements and a common reference point for describing and discussing performance in the five core skill areas mentioned above.

There are three levels of performance and a person’s level of performance is determined by whether they can demonstrate competence in each of the indicators at that level.

In all of the Core Skills courses, students will develop reading, writing, oral communication and practical skills to prepare for further study or work.

COMPUTING Core Skills

COURSE DESCRIPTION
In this course students will use computing applications such as Microsoft Word, Excel and PowerPoint and use the internet to email and to search for information.

The course will emphasize the literacy and practical skills necessary for success in work or study.

ASSESSMENT
On-going written, oral and practical.
COOKING
Core Skills

COURSE DESCRIPTION
This subject helps students improve their reading, writing, oral communication and numeracy by preparing and cooking food.

COURSE CONTENT
The course will help students to gain experience and prepare for Stage 1 studies and includes:
- food safety and hygiene
- equipment and utensils
- preparing and eating healthy nutritious foods
- cooking for different occasions
- experiencing food from other cultures
- numeracy skills used in cooking - for example, measuring, estimating and time

ASSESSMENT
Assessment is continuous. Students will be assessed on their:
- class work
- cooking and kitchen skills
- homework
- punctuality, attendance and motivation

ENGLISH
Core Skills

COURSE DESCRIPTION
This course is an intensive English literacy and language course for those students learning English as their second language and will prepare students for future studies at Stage 1. The course focuses on the major skills needed for reading, writing and speaking, with a strong emphasis on the skills needed to become independent learners.

COURSE CONTENT
- Read short, simple texts and look for specific information
- Select relevant information from spoken text
- Write notes, paragraphs, short descriptions and reports
- Listen to and ask questions to get specific information
- Use the computer to search for information
- Examine differences between spoken and written English
- Learn organisational and other learning skills for further study
- Develop a future pathway for study or career goals

ASSESSMENT
Assessment is ongoing and students will be assessed on all work completed. Teachers will assess students learning in reading, writing and oral communication. Students learning will be assessed using a checklist of skills.

FURTHER INFORMATION
Study at this level will prepare students for ESL Pathways and ESL at Stage 1. Core Skills English may take one or two semesters of study. Teachers and College counsellors will recommend future study options.
Core Skills

LIVING IN AUSTRALIA
Core Skills

COURSE DESCRIPTION
This course is designed to provide an understanding of the geographical, historical and cultural factors that have shaped Australia. In particular, the course aims to provide students with an understanding and appreciation of contemporary events and issues.

COURSE CONTENT
Living in Australia A
An overview of the history and geography of pre-colonial and colonial societies.

Living in Australia B
An appreciation of:
• what it means to be Australian
• Australian cultural beliefs and values

Study will include the:
• influence of Aboriginal and British cultures
• exploration of the growth of population and the inputs of migrants

ASSESSMENT
School-based assessment involving written and oral tasks.

NUMERACY
Core Skills

COURSE DESCRIPTION
Numeracy A
This course is intended to develop skills in Mathematics for students with little background knowledge in the area.

Numeracy B
This course is intended to provide students with the mathematical skills used in everyday situations. It is a stepping stone to further studies in Mathematics.

COURSE CONTENT
Numeracy A
• Numbers
• Money
• Charts and Data
• Measurement
• Space
• Time

Numeracy B
• Topics will include:
• Types of numbers and their usage
• Consumer Mathematics
• Data use
• Use of technologies
• The 3-dimensional world

ASSESSMENT
School-based assessment
Skills and application tasks
Folio tasks
SCIENCE
Core Skills

COURSE DESCRIPTION
Science A
An introduction to the branches of science, where students develop an understanding of the basic role of science in our world.

Science B
A pre-SACE course to provide students with the skills for SACE Stage 1 science subjects.

COURSE CONTENT
Science A
The course is based around developing skills in the following areas:
• Laboratory techniques
• Conducting experiments and investigations
• Basic scientific research
• Writing reports
• Working collaboratively
• Critical thinking
• Evaluating information
• Presenting findings

Science B
Each semester will focus on different aspects of science in which the following will be covered:
• Explaining scientific phenomena
• Reading and understanding scientific text
• Planning and investigation
• Conducting research
• Collating, representing and analyzing data
• Evaluating scientific investigations
• Presenting findings

ASSESSMENT
Assessment will include a variety of tasks that cover students’ understanding and the skills acquired. Individual and collaborative tasks will be assessed.
SACE Requirements

THE SACE
The South Australian Certificate of Education (SACE), has been designed to meet the needs and interests of today’s young people, as well as to make it relevant for employers, who are increasingly looking to employ highly skilled workers.

Students need to achieve the compulsory literacy and numeracy requirements of the SACE. To do this they need to achieve a C grade or better in a range of English and Mathematics subjects.

Both Stage 1 and Stage 2 subjects are graded from A to E.

All students will be expected to gain knowledge, skills, and attributes in the areas of communication, citizenship, personal development, work and learning.

Students need to earn 200 credits to successfully complete the SACE. Ten credits equates to one semester or six months of study in one subject.

LITERACY & THE SACE
Study at SACE level involves a range of reading, writing, speaking and listening tasks.

To undertake SACE courses, students require literacy skills that will enable them to engage with the learning and achieve success.

As a guide, if you have achieved a C grade or higher in a Stage 1 English or ESL class you should have the necessary literacy skills to study most Stage 2 subjects. There are some subjects however which require higher levels of literacy.

Teachers and counsellors will discuss this with you during the recommendation and enrolment process.

For some SACE Stage 2 subjects, it is recommended that you have completed study at Stage 1 level.

This means that the learning in Stage 2 is based on learning in Stage 1.
COMPULSORY SUBJECTS

• Personal Learning Plan – 10 credits (Stage 1)
• Literacy – at least 20 credits from a range of English subjects or courses
• Numeracy – at least 10 credits from a range of Mathematics subjects or courses
• Research Project – an in-depth major project (10 credits at Stage 2)

Students also need other Stage 2 subjects totalling at least 60 credits.

The remaining 90 credits can be gained through additional Stage 1 or Stage 2 subjects, vocational training or SACE Board-recognised courses of a student’s choice.

Subjects

SACE subjects are grouped into the following curriculum areas:
• Business, Enterprise and Technology
• Cross-disciplinary
• English
• Health and Physical Education
• Humanities and Social Sciences
• Languages
• Mathematics
• Sciences

ASSESSMENT

All Stage 1 subjects are school assessed. Some may be externally moderated.

All Stage 2 subjects have a school assessed and an external assessment component. The school assessed component is externally moderated.

VOCATIONAL EDUCATION AND TRAINING - (VET) - IN SACE

Of the 200 credits required to complete the SACE, 180 can be gained through the recognition arrangements for VET in the SACE.

Within these 180 VET-based credits, students must also fulfil the literacy and numeracy requirements of the SACE.

The Personal Learning Plan and the Research Project are awarded the remaining 20 SACE credits. Students can use a vocational context in completing these subjects.
SACE Requirements

ADULT STATUS
An adult student is a person who is at least 18 years old on 1 January in the year he or she completes the SACE, and who has left school for at least one continuous year.

On re-entry, adult students will be awarded up to a maximum of 110 credits at Stage 1. SACE completion requires:
- 60 credits from Stage 2 SACE Board-accredited subjects or VET courses
- Research Project for 10 credits
- 20 credits from other Stage 1 or Stage 2 Board-accredited subjects or VET courses
- minimum literacy and numeracy requirements

Adults do not have to complete the Personal Learning Plan.

ADULT EDUCATION POLICY
Students aged 21 years and over at the time of enrolment will be required to sign a SACE Pathways Plan. The plan will be developed in partnership with the student and College and will outline the agreed learning pathway that the student intends to undertake to complete their SACE.
STAGE 1

- Personal Learning Plan (compulsory) 10 Credits
- Numeracy (compulsory) from a range of Mathematics subjects and courses 10 Credits
- Literacy (compulsory) from a range of English subjects and courses 20 Credits

STAGE 2

- Research Project (compulsory) 10 Credits
- Subjects and courses (compulsory at Stage 2) from a wide range of options 60 Credits

Subjects and courses from a wide range of options 90 Credits
(selected from either Stage 1 or Stage 2)

SACE = 200 CREDITS

For further information, visit www.sace.sa.edu.au
SACE Integrated Programs

SACE Integrated Programs are curriculum offerings in which subjects are grouped together and integrated.

Advantages of studying in this way include:
- the learning and assessment in each subject supports the learning and assessment in the other subjects in the program
- working with the same group of students
- working with a small group of teachers who support student learning across all subjects included in the program
- student learning is developed around their own strengths and interests

Thebarton Senior College offers three SACE Integrated Programs:

**Stage 1 PC Gaming**
40 Stage 1 credits including the compulsory 20 literacy and 10 numeracy credits.

**Stage 2 SACE Completion Program**
SACE completion without an Australian Tertiary Admissions Ranking (ATAR).

**Stage 2 ATAR Program**
SACE completion with an ATAR for tertiary entry.

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**PC GAMING**
**SACE Stage 1**

**COURSE DESCRIPTION**
This course provides students with the opportunity to meet the SACE literacy and numeracy requirements through the playing and study of various PC games. Students can study either one or two semesters with the possibility of earning 20 SACE credits per semester.

Students study four subjects.

**LITERACY FOR WORK & COMMUNITY LIFE A**
**SACE Stage 1**

**ASSESSMENT**

<table>
<thead>
<tr>
<th>ASSESSMENT</th>
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<tbody>
<tr>
<td>Text Analysis</td>
<td>40%</td>
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<tr>
<td>Text Production</td>
<td>60%</td>
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**FURTHER INFORMATION**
This course runs concurrently with Numeracy for Work and Community Life in Semester 1.
LITERACY FOR WORK & COMMUNITY LIFE B
SACE Stage 1 10 credits

COURSE DESCRIPTION
This course follows on from the Semester 1 class and continues to emphasise playing, interpreting and critically analysing a range of video games. Students will continue to explore common themes and issues in the gaming world. More oral presentations and writing for a variety of audiences will be completed.

COURSE CONTENT
• Writing for Video Games
• Game Advocacy
• Themes in Video Games

ASSESSMENT
Text Analysis 40%
Text Production 60%

FURTHER INFORMATION
This course runs concurrently with Media Studies in Semester 2.

NUMERACY FOR WORK & COMMUNITY LIFE
SACE Stage 1 10 credits

COURSE DESCRIPTION
This course emphasises the study of mathematics in a gaming context, including using data in context and statistics. Students will undertake survey-based research and communicate mathematical data to a variety of audiences.

COURSE CONTENT
• Data in Context
• Statistics

ASSESSMENT
Skills and Application Tasks 30%
Folio 70%

FURTHER INFORMATION
This course runs concurrently with Literacy for Work and Community Life A in Semester 1.

MEDIA STUDIES
SACE Stage 1 10 credits

COURSE DESCRIPTION
This course examines how video games fit into mass media, the consumption of video games, what issues are specifically related to a gaming context, and issues shared across multiple media types. Students will also examine how some game-related media is constructed and have an opportunity to create their own media.

COURSE CONTENT
• Women in Media
• Violence in Media
• Advertising

ASSESSMENT
Folio 40%
Interaction Study 30%
Product 30%

FURTHER INFORMATION
This course runs concurrently with English Pathways B in Semester 2.
SACE Integrated Programs

SACE COMPLETION PROGRAM
SACE Stage 2  70 credits

COURSE DESCRIPTION
This course gives students the opportunity to complete SACE and achieve TAFE eligibility, but does not provide entry into University (although a university pathway is still possible after further TAFE studies).

If an additional subject is undertaken in conjunction with the program it can be used to gain an ATAR for University entrance.

COURSE STRUCTURE
The course consists of four subjects:

ENGLISH PATHWAYS
SACE Stage 2  20 credits
Students will respond to oral and written texts and write their own.

WORKPLACE PRACTICES
SACE Stage 2  20 credits
This course develops knowledge and understanding of the nature, type and structure of workplaces. This includes topics such as the changing nature of work, industrial relations, legislation, occupational health and safety and current issues linked to workplaces.

WORKPLACE DOCUMENTS
SACE Stage 2  20 credits
This course aims to develop skills and confidence in using a range of information and communication technologies with a workplace focus. Students develop knowledge and skills in creating workplace documents using Microsoft Word, PowerPoint and Publisher.

RESEARCH PROJECT
SACE Stage 2  10 credits
Students complete the Research Project based on an area of personal interest.

ASSESSMENT
Assessment in each subject includes school and external assessment components. There are no examinations in this course.

PATHWAY
Successful completion will meet minimum entry requirements for a range of Certificate 3 or higher courses at TAFE.
ATAR PROGRAM
SACE Stage 2 90 credits

COURSE DESCRIPTION
This course gives students the opportunity to complete their SACE and gain an ATAR for University entrance. The subjects are integrated so that the learning and assessment in each subject supports the learning and assessment in the other subjects included in the program.

COURSE STRUCTURE
The course consists of 5 subjects:

ENGLISH COMMUNICATIONS
SACE Stage 2 20 credits
In English Communications students read a range of educational, vocational and cultural texts.
Students learn to recognise the conventions of different text types for different purposes, audiences and contexts.
They use this learning in composing their own texts and in commenting on the texts they read.

OR

ESL
SACE Stage 2 20 credits
In this course, students develop their understanding, confidence and proficiency in the use of the English language, developing skills as critical readers, viewers, listeners, speakers and writers.

SOCIETY & CULTURE
SACE Stage 2 20 credits
Students develop skills in various approaches to, and methods of, investigating and analysing contemporary social issues.
They become familiar with the limits and potential of these approaches and methods and with the ethical issues associated with them.
The choice of topics will reflect the experiences, backgrounds and interests that each student brings to their studies.

INFORMATION PROCESSING & PUBLISHING
SACE Stage 2 20 credits
Students apply practical skills and design principles to provide creative solutions to text-based communication tasks. They create both hard copy and electronic text-based publications and evaluate the development process.
Students use technology to design and implement information processing solutions and identify, choose and use the appropriate computer hardware and software to process, manage and communicate information in a range of contexts.
SACE Integrated Programs

**HEALTH**
SACE Stage 2 20 credits

Students learn about the factors that shape the behaviour and attitudes of individuals and groups in relation to healthy living and caring for themselves and the environment. They develop skills to consider how changing social structures, community values, environmental issues and new technologies affect the health and well-being of individuals and communities.

**RESEARCH PROJECT**
SACE Stage 2 10 credits

Students develop research skills and complete the Research Project based on an area of personal interest.

**ASSESSMENT**

Assessment in each subject includes school and external assessment components. There are no examinations in this course.

**PATHWAY**

Successful completion of this course will meet the entry requirements for most tertiary courses.
Stage 1 Subjects

Accounting
Adult Literacy
Art
Art and the Community
Biology
Business and Enterprise
Car Care
Chemistry
Child Studies
Computer Drawing
Computing
Design
Drama
Drawing
English
English as a Second Language
ESL Pathways
Fitness for Women
Food and the Community
Geography
Geology
Health Science
History
Humanities
Information Processing & Publishing
  Business
  Personal
Introduction to Trades
Legal Studies
Mathematical Applications
Mathematical Studies
Metal Machining
Numeracy for Work and Community Life
On Your Bike
PC Gaming (see page 18)
Personal Learning Plan
Physics
Psychology
Recreation and Fitness
Research Practices
Science Pathways
Society and Culture
Stop Motion Animation
Textiles
Volunteering in the Community
Welding
Women's Studies
Woodwork
Working in Australia
Workplace Practices
# SACE Stage 1

## ACCOUNTING A & B
**Business, Enterprise and Technology**  
**SACE Stage 1**  
10 or 20 credits

### COURSE DESCRIPTION
The study of Accounting gives students opportunities to learn practical skills needed to record and understand financial business information.

### COURSE CONTENT
**Accounting A**
- The nature of accounting
- Financial reports (Profit and Loss and Balance Sheet)
- Source documents
- Keeping cash journals

**Accounting B**
- Personal financial information (Budgeting)
- Classified final reports and analysis and interpretation of final reports
- Journals
- Double entry recording

### ASSESSMENT
Students demonstrate evidence of their learning through the following assessment types:
- Skills and Applications Tasks 70%
- Investigative Study 30%

### FURTHER INFORMATION
Students can study either 10 or 20 credits. Accounting A is not a prerequisite for Accounting B. The study of Stage 1 Accounting will be beneficial for the study of Accounting in Stage 2 and with further study in related subjects at tertiary level.

## ADULT LITERACY A & B
**English**  
**SACE Stage 1**  
10 or 20 credits

### COURSE DESCRIPTION
This subject provides basic and functional language development. Knowledge of English will be developed around everyday written, visual and multimedia texts.

### COURSE CONTENT
Students will build on their own experiences of daily life, work experiences and community participation to study topics related to:
- media
- social issues
- consumer awareness

Students are supported in the creation of brochures, posters, ICT presentations and research reports.

### ASSESSMENT
Students demonstrate evidence of their learning through:
- Text analysis 40%
- Text production 60%
**ART A & B**  
Arts  
SACE Stage 1  10 or 20 credits

**COURSE DESCRIPTION**  
In Creative Arts Art students choose to study an area of interest from the areas of painting, drawing and printmaking. They participate in the development and presentation of a product either individually or as a group. A focused exploration of skills related to the student’s area of interest will be completed. Students will also investigate other artists and their work and analyse works of art.

**COURSE CONTENT**  
The following areas of study are covered:  
- Creative Arts Process  
- Development and Production  
- Concepts in Creative Arts Disciplines  
- Creative Arts in Practice

**ASSESSMENT**  
Students demonstrate evidence of their learning through the following assessment types:  
- Folio  40%  
- Product  60%

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**ART & THE COMMUNITY A & B**  
Cross-disciplinary  
SACE Stage 1  10 or 20 credits

**COURSE DESCRIPTION**  
Students choose from a range of art media, make decisions and develop work through the semester according to their interests, abilities and available resources.

**COURSE CONTENT**  
In this subject students plan, make decisions and develop their art work for a group exhibition at the end of the semester. Students will also reflect on their work, learning and feedback received.

**ASSESSMENT**  
- Practical Community Activity  
- Contract of Work  
- Folio  
- Reflection
SACE Stage 1

BIOLOGY A & B
Sciences
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
This subject is intended for students who have an interest in Biology and may wish to continue with further studies in Biology at Stage 2.

COURSE CONTENT
Biology A
- Classification of animals
- Ecology
- Adaptation
- Use of microscopes
- Cell functions
- Cancer
- Human physiology

Biology B
- Micro-organisms
- Human physiology
- Plant adaptations
- Genetics

ASSESSMENT
Assessment will include written tests, experiment reports, oral presentations and issues analysis.
- Skills and Application Tasks 60%
- Investigations 40%

FURTHER INFORMATION
Prepares students for SACE Stage 2 Biology or Psychology.

BUSINESS & ENTERPRISE
Business, Enterprise and Technology
SACE Stage 1 10 credits

COURSE DESCRIPTION
Students will gain an understanding of business operations and how internal and external factors influence the performance of businesses. Students will improve their knowledge and understanding of the contribution small businesses make to society.

COURSE CONTENT
- Business in Australia
- Nature and Structure of Business
- Business Enterprise

ASSESSMENT
Students demonstrate evidence of their learning through the following assessment types:
- Folio 50%
- Practical 25%
- Issues Study 25%
### CAR CARE A & B
Cross-disciplinary
SACE Stage 1 10 or 20 credits

**COURSE DESCRIPTION**
Students learn how to choose, buy and affordably run and maintain a motor vehicle. Topics include energy sources, automotive systems maintenance, elementary fault finding and repair, finance and budgeting, personal consumer rights and obligations.

**COURSE CONTENT**
- Vehicle types and choices
- Fuel types and choices
- System identification and function
- Finance and budgeting
- Motoring organisations
- Pre-purchase inspection and consumer checks
- Owner’s checks and maintenance schedules
- Subject specific literacy and numeracy

**ASSESSMENT**
- Practical 40%
- Group Activity 40%
- Folio and Discussion 20%

**FURTHER INFORMATION**
This course will provide a useful foundation for students contemplating a career or future study in the automotive industry.

### CHEMISTRY A & B
Sciences
SACE Stage 1 10 or 20 credits

**COURSE DESCRIPTION**
Chemistry A provides basic chemical knowledge that can be applied to everyday situations. Chemistry B provides a more specific background for Stage 2 Chemistry.

**COURSE CONTENT**
**Chemistry A**
- Atomic nature of matter
- Periodic Table - metals and non-metals
- Elements and compounds
- Structure of materials - metallic, ionic and covalent bonding
- Petrol and organic chemistry
- Laboratory skills (including OHS)
- Writing formulae and balancing equations

**Chemistry B**
- Stoichiometry
- Balancing equations and writing formulae
- Acids and salts
- Intermolecular forces
- Redox reactions
- Metal reactivity and electrochemistry
- Organic compounds
- Laboratory skills

**ASSESSMENT**
- Skills and Application Tasks 45%
- Folio 55%

**FURTHER INFORMATION**
It is recommended that students wishing to proceed to Stage 2 Chemistry complete both Chemistry A and Chemistry B.
CHILD STUDIES A & B
Health and Physical Education
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
Students examine the period of childhood from conception to 8 years and issues related to the growth, health and well-being of children. They examine diverse attitudes, values and beliefs about childhood and the care of children, the nature of contemporary families and the changing roles of children in a contemporary consumer society.

COURSE CONTENT
There are three areas of study.
• The nature of childhood and the socialisation and development of children
• Children in wider society
• Children, rights and safety

ASSESSMENT
Practical 50%
Group work 20%
Investigative Study 30%

COMPUTER DRAWING
INVENTOR 3D MODELLING
Business, Enterprise and Technology
SACE Stage 1 10 credits

COURSE DESCRIPTION
This course provides skills for students wishing to do well in any Stage 1 or 2 Design and Technology course. Students will use the 3D Auto Desk Inventor software to produce three dimensional models of real life objects. From the models they will be able to view assembly sequences and print dimensioned drawings at Australian Industry Standards. These drawings provide a base for the manufacture of items in wood or metals.

COURSE CONTENT
• Use industry standard software
• Read and interpret technical drawings
• Technical trade specific language
• Project planning and production sequences
• Accurate marking out and measuring skills
• Create virtual 3D models of real objects
• Create virtual assembly sequences for projects
• Print industry-standard technical drawings
• Produce a ‘production diary’ of project design and development

ASSESSMENT
Skills and application task 20%
Folio 20%
Product 60%

FURTHER INFORMATION
Provides preparation for designing and production planning in all Design and Technology and VET subjects.
COMPUTING A & B
Cross-disciplinary
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
The computing skills students gain in this course can be applied to all subjects. In Computing A students will gain introductory skills in a range of software including a word processor, a spreadsheets package and brainstorming software. Students will work individually and in groups toward a research goal and document their learning in a journal. In Computing B the focus will be on software that will improve literacy, research skills, thinking and organizational skills.

COURSE CONTENT A
• Establishing research goals
• Create Mind Maps
• Survey design principles
• Produce and interpret graphs
• Collect and analyze data
• Develop presentation skills
• Report findings
• Reflect on learning

COURSE CONTENT B
• Research
• Keyboard
• Report writing
• Translating
• Speed reading
• Speech recognition

ASSESSMENT
Practical 40%
Group Activity 30%
Folio and Discussion 30%

FURTHER INFORMATION
This subject involves working in groups towards achieving a goal, applying computing skills learned along the way.

DESIGN A & B
Arts
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
Design A
Students develop skills in graphic design. Programs such as Photoshop and Illustrator will be used. Students will produce a Design Product through using the Design Process which involves idea generation and refinement of ideas.

COURSE CONTENT
Design A
Students produce one Design Product and build a folio of investigative, developmental and productive work to support their final product. The process involves: Investigation, Research, Idea generation, Refinement, Production.
Students create a folder as a record of the skills they have learnt. Design practitioners are also studied.

Design B
Students develop skills in Eco Sustainable Architecture. They will design a product and build models of their work by hand or by laser cutting technology. They will use visual images and text to advertise the architectural product. Programs such as Photoshop and Illustrator will be used.

ASSESSMENT
Students demonstrate evidence of their learning through the following assessment types:
Folio 40%
Product 60%
DRAMA A & B
Arts
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
Creative Arts - Drama allows students to explore acting techniques, as well as develop and apply these skills in a project of their choice. In addition it also provides students with the flexibility to explore other areas such as production, direction or script design.

COURSE CONTENT
This course will focus on Drama, exploring and analysing theories, techniques and performance genres. It will also involve focussed study of current practitioners and performance to develop an understanding and appreciation for the way that arts contribute to and shape individuals and communities through creativity and expression.

ASSESSMENT
- Product 40%
- Investigation 40%
- Skills Assessment 20%

DRAWING
Arts
SACE Stage 1 10 credits

COURSE DESCRIPTION
In this course, students develop one major drawing and a folio of explorations in drawing technique using different styles and media. The focus can be drawn from a range of creative arts products from the architectural, botanic, expression, portrait or still-life fields.

COURSE CONTENT
- Drawing skills
- Drawing techniques and background of various artists
- Independent study of a creative artist of choice
- Written and oral reflection and evaluation of own work and others in relation to process, media, technique, skills and background concepts
- Participation in community art exhibition

ASSESSMENT
- Product 50%
- Folio 50%
ENGLISH A & B
English
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
This course is designed to provide skills in reading and responding to a range of texts as well as in the crafting and the production of various text-types.

COURSE CONTENT
• Reading and responding to novels, short stories, poems, plays or films.
• Appreciation of how authors communicate their ideas through the deliberate selection of techniques and language strategies.
• Analysis of the concepts, values, ideas and beliefs being expressed.
• Identification of the ways authors use language strategies to influence the audience.
• Creation of own communications, both written and oral, by developing and experimenting with different skills and text-types.
• An Extended Study into either Connected Texts, Language or as negotiated.

ASSESSMENT
This subject is moderated to ensure students do attain the required Literacy levels to satisfy the literacy requirements of SACE.

Text Production 40%
Text Response 40%
Extended Study 20%

FURTHER INFORMATION
This course is designed for students from English-speaking backgrounds.

ENGLISH AS A SECOND LANGUAGE A & B
English
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
The course is designed for students for whom English is an additional language or dialect.

COURSE CONTENT
Each semester course will include the Text Study and one of the Language Application options:
• Text Study – students explore a range of written, oral and visual texts constructed for different purposes and in a range of genres.
• Language Application (Communication Study) – students study written and oral texts as they are used in contexts beyond the classroom, and in particular, the use of texts to persuade, influence and instruct others.
• Language Application (Investigative Study) – students investigate a topic of personal interest by moving beyond the classroom to interview one or more people.

ASSESSMENT
One oral and one written task from each of the sections above.

Oral tasks 50%
Written tasks 50%

FURTHER INFORMATION
If students have had more than 5 years of education in English in Australia or overseas, they must have their written English assessed by the ESL Coordinator to confirm their eligibility for Stage 1 ESL.
## ESL PATHWAYS A & B

**English**  
**SACE Stage 1**  
**10 or 20 credits**

### COURSE DESCRIPTION
This course is designed for students who may have completed NAP or CEP courses and wish to continue developing their English language skills in an academic context and possibly access further SACE studies. It develops students’ abilities to understand, respond to and compose oral and written texts in a range of genres and situations.

### COURSE CONTENT
Each semester, four assessment tasks from:
- **Text Analysis** – students analyse different structural and language features of one or more texts to understand the ways in which texts are constructed for specific purposes and audiences e.g. letters, brochures, arguments, narratives, reports.
- **Text Production** – students study topics related to work and community life and produce oral and written texts.

### ASSESSMENT
- Text Analysis 1 25%
- Text Production 1 25%
- Text Production 2 25%
- Text Production 3 25%

### FURTHER INFORMATION
This subject is appropriate for students who wish to follow an academic pathway. It is recommended that students also enrol in CEP Grammar and Writing and/or CEP Conversation and Pronunciation to complement this course.

## FITNESS FOR WOMEN A & B

**Health and Physical Education**  
**SACE Stage 1**  
**10 or 20 credits**

### COURSE DESCRIPTION
This course includes practical activities and theory relating to fitness and sports activities, as well as health and dietary issues. It is especially suited to students wanting to develop their personal fitness, and those intending to proceed to Stage 2 Physical Education.

### COURSE CONTENT
**Practical Topics**
- Cardio and weight training program
- Basketball, volleyball, badminton sports
- Other recreational activities of interest to the class group

**Folio Topics**
- Principles/methods to develop fitness
- Role of diet for health and fitness
- Investigation of a sporting issue of personal interest

### ASSESSMENT
- Practical activities 60%
- Folio tasks 40%
FOOD & THE COMMUNITY A & B
Cross-disciplinary
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
Students can choose their own area of interest in the field of food and work individually, or in a team, to develop their capabilities for personal development, learning and work by working in the community. The community can be the school or the wider community.

COURSE CONTENT
Students can decide on their own community activity either individually or in a group and topics that may be chosen include:
- nutrition
- food preparation and presentation
- catering
- the dietary needs of particular groups
- food hygiene
- or any other food related topic that interests the student or group of students.

An individual or group contract of work is written or recorded and then the community activity is carried out. At the end of the community activity, feedback from the community is given and the students then write or record information which reflects on their learning.

ASSESSMENT
Contract of work
Reflection

GEOGRAPHY
Humanities and Social Sciences
SACE Stage 1 10 credits

COURSE DESCRIPTION
The study of Geography deals with diverse environmental phenomena and human activities including natural hazards, landforms, tourism, economic development, agriculture and urban planning.

COURSE CONTENT
There are four key themes:

Location and Distribution
The development of geographical abilities in relation to local, national, and global patterns and interconnections. Use of spatial technology is a critical component.

Natural Environments at Risk
Involves an understanding of the four spheres of the natural environment (atmosphere, biosphere, hydrosphere and lithosphere) and how each of these is at risk from human activities.

People, Resources, and Development
The interplay of culture, economics, politics and other social considerations is critical to this theme.

Issues for Geographers
Involves an exploration of the geographical nature of some of the issues facing societies.

ASSESSMENT
Skills and Applications Tasks 30%
Inquiry 25%
Fieldwork 20%
Investigation 25%
SACE Stage 1

GEOLOGY A & B
Sciences
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
In Geology students learn about one of Australia’s largest industries. Geology explores the sciences of the Earth and involves field trips and practical experiences.

COURSE CONTENT
Geology begins by discovering the composition of the Earth and its layers before investigating the how and why of natural disasters. In Geology students learn how to identify and date rocks and minerals as well as exploring ethical considerations.

ASSESSMENT
Investigations/Folio Tasks
Field Investigation 25%
Issues Investigation 25%
Practical Investigation 25%

Skills & Applications Tasks
Topic Review Short Answer Assessment 25%

FURTHER INFORMATION
Geology will involve a field trip to Hallet Cove.

HEALTH SCIENCE
Sciences
SACE Stage 1 10 credits

COURSE DESCRIPTION
The course is designed for students who want to improve their general scientific knowledge, skills and writing techniques.

COURSE CONTENT
- Health, safety and hygiene
- Health care professions
- Body systems
- Fitness
- Stress
- Injuries, allergies and first aid
- Nutrition
- Disease and medication
- The immune system

ASSESSMENT
Written and oral assignments, topic tests and practical work.

Skills and Application Tasks 50%
Folio 50%
HISTORY
Humanities and Social Sciences
SACE Stage 1 10 credits

COURSE DESCRIPTION
History involves the investigation of human experience over time. By studying past events, actions and phenomena, students gain an insight into human nature and the ways in which individuals and societies function. History builds understanding through the investigation of historical concepts and ideas such as change and continuity; historical empathy; power and its distribution; the causes and resolution of conflicts; rules and rulers.

COURSE CONTENT
The course involves developing the skills of historical inquiry and two historical studies. The historical studies chosen will be selected, in negotiation with the students, from the following:
• Rise and fall of Nazi Germany
• Second World War
• Industrial Revolution
• 20th Century Australia
• Vietnam War
• Society in Victorian England
• Chinese Revolution
• Movements of the 20th Century (Women’s, Environmental, Union etc)
• Negotiated studies

ASSESSMENT
Folio 40%
Sources Analysis 20%
Investigation 40%

HUMANITIES A & B
English
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
This course will explore the following topics: democracy and citizenship; human rights and the impact of colonialism.

COURSE CONTENT
Humanities A
• Democracy and citizenship
• the Australian political system
• Members of Parliament
• Citizenship
• Human Rights
• Human rights issues
• Human rights defenders
• Colonialism
• The nature of colonialism
• Colonialism in one country

Humanities B
• Australian migration
• Unions
• Sustainability and you
• My community

ASSESSMENT
Text production 75%
Text analysis 25%
SACE Stage 1

INFORMATION PROCESSING & PUBLISHING – PERSONAL
Business, Enterprise and Technology
SACE Stage 1 10 credits

COURSE DESCRIPTION
Information Processing and Publishing focuses on the application of practical skills to provide creative solutions to personal text-based communication tasks.
Students create both hard copy and electronic text-based publications and evaluate the development process.

COURSE CONTENT
• Personal Publishing
• Data Input
• Keyboarding
• Personal Letters
• Margin Headings
• Displays
• Tables
• Menu displays

ASSESSMENT
Students demonstrate evidence of their learning through the following assessment types:
Practical Skills 50%
Product and Documentation 30%
Issues Analysis 20%

INFORMATION PROCESSING & PUBLISHING – BUSINESS
Business, Enterprise and Technology
SACE Stage 1 10 credits

COURSE DESCRIPTION
Information Processing and Publishing focuses on the application of practical skills to provide creative solutions to business text-based communication tasks. Business Publishing combines the use of software and hardware with the elements and principles of design and an understanding of the processes and procedures involved in using information to produce business publications.

COURSE CONTENT
• Business Publishing
• Business letters
• Business reports
• Agendas
• Minutes of meetings
• Menus
• Advertisements
• Itineraries
• Business forms

ASSESSMENT
Students demonstrate evidence in the following assessment types:
Practical Skills 50%
Product and Documentation 30%
Issues Analysis 20%
INTRODUCTION TO TRADES
Cross-disciplinary
SACE Stage 1 10 credits

COURSE DESCRIPTION
This course provides students with a solid preparation for further studies in Design and Technology and vocational courses in Building and Construction and Metal Trades.

COURSE CONTENT
Students will learn about workplace health and safety in trades areas. They will develop practical, writing and mathematical skills to prepare them to undertake practical tasks in:
• Woodwork
• Metals
• Building
• Reading plans

Students will work independently and prepare and record data and procedures.

ASSESSMENT
• Practical 50%
• Group Activity 20%
• Folio and Discussion 30%

LEGAL STUDIES
Humanities and Social Sciences
SACE Stage 1 10 credits

COURSE DESCRIPTION
The study of Legal Studies provides insight into law-making and the process of dispute resolution and administration of justice. Students evaluate the merits of the adversary system of trial and other forms of dispute resolution systems and processes. In addition, students investigate legal perspectives on contemporary issues in society.

Students examine the Australian legal system. They read and write about, discuss, analyse and debate issues. They use a variety of methods to investigate legal issues, including observing the law in action in courts through various media.

COURSE CONTENT
• Law and Society
• People, Structures and Processes
• Law Making

ASSESSMENT
• Folio 50%
• Issues Study 25%
• Presentation 25%
MATHEMATICAL APPLICATIONS A & B
Mathematics
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
This course is intended as a first unit for students who wish to proceed to other Mathematical courses. Students who achieve a ‘C’ grade or higher will gain the required SACE Numeracy.

COURSE CONTENT
Mathematical Applications A
• Earning and Employment
• Earning wages, salaries and taxation
• Balancing books, fees and charges
• Spending and percentage calculations, discounts and GST
• Measurement
• Scale, ratio and time
• Perimeter, area, volume and capacity

Mathematical Applications B
• Saving, Borrowing
• Financial institutions
• Balancing books, fees and charges
• Investing
• Statistics
• Mean, median and reliability
• Spread of a distribution
• Conjectures from interval and categorical data
• Excel spreadsheets for graphing purposes
• Sampling of populations
• Data based investigation

ASSESSMENT
Skills and application tasks 65%
Folio tasks 35%

MATHEMATICAL STUDIES A
Mathematics
SACE Stage 1 10 credits

COURSE DESCRIPTION
Mathematical Studies A may be taken concurrently with, or following, Mathematical Studies B. Graphs and graphic calculators will be used throughout this subject to solve problems.

COURSE CONTENT
Statistics
• centre of a distribution
• spread of a distribution
• sampling
• normal distribution

Geometry and Mensuration
• right angled triangle geometry, Pythagoras’ theorem
• solution of problems involving non-right angled triangles using Sine and Cosine rules

2-D Coordinate Geometry
• Distance, mid-point, gradient formulae, ratio, equations of straight lines
• Intersection of straight lines
• Equations of circles

ASSESSMENT
Skills and application tasks 70%
Folio tasks 30%

FURTHER INFORMATION
Students who wish to do Mathematical Studies at Stage 2 should do both Mathematical Studies A and B at Stage 1. Students wishing to do Specialist Mathematics at Stage 2 should also do Mathematical Studies C (Specialist Preparation).
MATHEMATICAL STUDIES B
Mathematics
SACE Stage 1 10 credits

COURSE DESCRIPTION
Mathematical Studies B may be taken concurrently with, or following, Mathematical Studies A. Graphs and graphic calculators will be used throughout this subject to solve problems.

COURSE CONTENT
Quadratics and other Polynomials
• The quadratic function
• Quadratic algebra
• Cubics and Quartics
Models of Growth
• Linear functions
• Exponential functions
Logarithms
• Rules, solving exponential equations
• Using Binomial Theorem
Functions and Graphs
• Linking algebraic and graphical representations of a relationship
• Sketching of linear, quadratic and other functions
• Graphs of cubic polynomials

ASSESSMENT
Skills and application tasks 70%
Folio tasks 30%

FURTHER INFORMATION
See Mathematical Studies A

MATHEMATICAL STUDIES C
SPECIALIST PREPARATION
Mathematics
SACE Stage 1 10 credits

COURSE DESCRIPTION
This course is intended to provide prerequisite knowledge for students who wish to proceed to Specialist Mathematics at Stage 2.

COURSE CONTENT
Planar Geometry
• Similar Triangles and Congruence
• Circle Properties
• Cyclic Quadrilaterals
Vectors
• Operations
• Component Form
• Unit Vectors
• Vector Projection
Periodic Phenomena
• Observing Periodic Behaviour
• Sine Function
• Cosine Function
• Trigonometric relationships

ASSESSMENT
Skills and application tasks 70%
Folio tasks 30%

FURTHER INFORMATION
The Study of Stage 1 Mathematical Studies A and B is assumed for all students wishing to study Stage 2 Mathematical Studies and Mathematical Studies C is required for Stage 2 Specialist Mathematics.
METAL MACHINING
Business, Enterprise and Technology
SACE Stage 1 10 credits

COURSE DESCRIPTION
Students identify, create, initiate and develop products using metal fabrication and welding tools and technologies. Students analyze the impacts of technology on people, society and the environment. Students use hand and power tools and machines to make and evaluate products.

COURSE CONTENT
There will be a strong emphasis on industrial and workshop safety. Students will use drilling machines, milling machines and metal turning lathes to manufacture a range of small components. The practical aspects of the course will be underpinned with theoretical knowledge about all processes used. Materials will include various steel, brass and aluminium sections, such as round, flat and hexagonal bar stock.

There is a focus on employability skills and employment opportunities in the metal fabrication industry. The nature of apprenticeships will be discussed.

ASSESSMENT
Skills and application tasks 20%
Folio 20%
Product 60%

FURTHER INFORMATION
Most safety clothing will be provided, but students will need to wear sturdy shoes at all times in the workshop. It is advisable for students to wear overalls or similar work clothes whilst using machines.

NUMERACY FOR WORK & COMMUNITY LIFE A & B
Mathematics
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
This course is intended as a first unit for students who wish to proceed to other mathematics courses. Students who achieve a 'C' grade or higher will gain the required SACE Numeracy credits.

COURSE CONTENT
The following topics will be covered:
- Using electronic calculators (scientific and graphic)
- Spreadsheets (Excel)
- Fractions, decimals, percentages
- Calculation of discounts, GST and simple interest
- Group work investigations
- Units of measurements and applying the units in everyday situations
- Measuring shape and space
- Investigating wages and salaries.

ASSESSMENT
Skills and application tasks 70%
Folio tasks 30%
ON YOUR BIKE A & B  
Cross-disciplinary  
SACE Stage 1  10 or 20 credits

COURSE DESCRIPTION
Confidently join the growing cycling population. This course will provide practical experience and skills acquisition.

COURSE CONTENT
Learn to identify, maintain and repair bike parts and accessories. This course also provides practical on-road experience and knowledge or details of the rights and responsibilities of a user.

ASSESSMENT
- Practical  50%
- Group Activity  20%
- Folio and Discussion  30%

PERSONAL LEARNING PLAN  
Cross-disciplinary  
SACE Stage 1  10 credits

COURSE DESCRIPTION
Students have an opportunity to explore the five Capabilities of Learning, Communication, Personal Development, Work and Citizenship.

COURSE CONTENT
Capabilities
- Write a short autobiography
- Development of capabilities

Goal Setting
- Use the SMART template to set goals
- Develop short term and long term goals

Planning Future Pathways
- Complete an on-line career quiz
- Collect career and job information, eg Career Expo
- Research further study and training pathways
- Complete subject selections for the next semester

Presenting the Plan
Deliver a short presentation, supported by media such as PowerPoint and the resources collected. Outline plans for further study and training.

ASSESSMENT
- Folio  75%
- Reflection  25%

FURTHER INFORMATION
The PLP is a compulsory component of the SACE and it must be passed at C grade or better to count as 10 credits.
PHYSICS A & B
Sciences
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
The course is designed as an introduction to Physics. It enables students to understand and appreciate the world around them. The focus is on concepts and experimental methods used to understand what happens in the physical world.

COURSE CONTENT
Physics A
• Waves and their properties
• Light and sound
• Static and current electricity
• Electricity in the home

Physics B
• Kinematics – the study of motion of objects
• Dynamics – the study of the interaction of objects
• Newton’s laws of motion
• Conservation Laws
• Relativity

ASSESSMENT
Written assignments, topic tests and practical work including the testing of hypotheses.

Skills and Application Tasks 60%
Folio 40%

FURTHER INFORMATION
It is strongly advised that students wishing to study Stage 2 Physics complete both Physics A and Physics B.

PSYCHOLOGY A & B
Sciences
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
This course is an introduction to the study of Psychology showing how it relates to our social world. Psychology builds on the scientific method by involving students in the collection and analysis of qualitative and quantitative data. It enables students to understand their own behaviours and the behaviours of others.

COURSE CONTENT
Psychology A
• Introduction to Psychology - a required background in the principles of research, the profession and ethics.
• Social Influence - a study of films and experiments, persuasion and aggression.
• Emotions - a study of the way people express their emotions and what causes the behaviour.

Psychology B
• Introduction to Psychology - a required background in the principles of research, some basic statistics, the profession and ethics.
• Biological Basis of Behaviour - functions of the human brain and how the brain is studied.
• Human Personal Development.

ASSESSMENT
Skills and applications tasks 50%
Folio 40%
Group work 10%
**RECREATION & FITNESS A & B**
Health and Physical Education
SACE Stage 1  10 or 20 credits

**COURSE DESCRIPTION**
This course includes practical activities relating to fitness and sports activities, as well as a study of topical issues relating to fitness, health and sport. It is especially suited to students wanting to develop their personal fitness and particular sports abilities and those intending to proceed to Stage 2 Physical Education.

**COURSE CONTENT**
**Practical Topics**
- Cardio and weight training program
- Basketball, volleyball, badminton, soccer, tennis and cricket
- Other recreational activities of interest to the class group

**Folio Topics**
- Principles/methods to develop fitness
- Components of a healthy lifestyle
- How we learn sports skills
- Investigation of a sporting issue of personal interest

**ASSESSMENT**
- Practical activities  60%
- Folio tasks  40%

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**RESEARCH PRACTICES**
Cross-disciplinary
SACE Stage 1  10 credits

**COURSE DESCRIPTION**
This subject provides students with opportunities to:
- examine the purpose of research
- explore a range of research approaches
- develop their investigative and inquiry skills

Students explore research practices to develop skills in undertaking research, such as planning their research, developing and analysing their data, and presenting their research findings.

**COURSE CONTENT**
Teachers and students select, for focused study, topics from the following areas of study:
- at least one topic from Exploring Research Approaches
- at least one topic from Exploring Research Skills

The topics may be integrated, undertaken in parallel, or undertaken consecutively. They can be taught through the development of, for example:
- an investigation
- a performance
- a product
- an inquiry
- a research project

The study of a topic may be linked to a theme, context, or area of interest.

The examples in each topic are suggestions and are not intended to be prescriptive or exhaustive.

**ASSESSMENT**
- Assessment Type 1: Folio
- Assessment Type 2: Sources Analysis.

**FURTHER INFORMATION**
This subject provides good preparation for the Stage 2 research project.
SCIENCE PATHWAYS A & B
Sciences
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
A provides students with the skills required for SACE Stage 1 Physics, Chemistry and Psychology.
B provides students with the skills required for SACE Stage 1 Biology, Geology and Nutrition.

COURSE CONTENT
Each semester will focus on different aspects of science in which the following will be covered:
• Explaining scientific phenomena
• Reading and understanding scientific text
• Planning and investigation
• Conducting research
• Collating, representing and analyzing data
• Evaluating scientific investigations
• Presenting findings

ASSESSMENT
Assessment will include a variety of tasks that cover students’ understanding and the skills acquired. Individual and collaborative tasks will be assessed.

Folio 50%
Skills and Application Tasks 50%

SOCIETY & CULTURE
Humanities and Social Sciences
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
Students study the interactions of people, societies, cultures and environments. They learn about the ways in which societies constantly change and are affected by social, political, historical, environmental, economic and cultural factors. Students develop the ability to influence their own future by acquiring skills, values and understanding that enable them to participate effectively in contemporary society.

COURSE CONTENT
Students study two of the following topics. Selection of topics negotiated with the class:
• Cultural diversity
• Social issues
• Popular culture
• Sub-cultures
• Lifestyle diversity
• Social change
• Land and culture

ASSESSMENT
Students demonstrate evidence of their learning through the following assessment types:

Sources Analysis 50%
Group Activity 25%
Investigation 25%
STOP MOTION ANIMATION A & B
Arts
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
This course allows students the opportunity to study the Stopmotion Animation discipline.

COURSE CONTENT
Students design and develop products. Within that process they analyse their product and make reference to the work of professional animation filmmakers who have inspired them. They also reflect on their own work in the form of notation and evaluation. iStopMotion, iMovie, Photoshop, Photography and traditional techniques of stop motion animation are used. In Stop Animation B students build skills to effectively produce 3D characters to create short animated films.

Students produce two animations (one in Stop Animation B) as a product of teamwork. They learn to use a variety of techniques and the technology employed in the process of animated film making and character building. They keep a record of the development of their work with written descriptions and analysis of process.

ASSESSMENT
School-based Assessment
- Product 50%
- Folio 50%

TEXTILES A & B
Cross-disciplinary
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
The course looks at textiles and how they are used in the community. The class will develop community activities as a group as well as each student having to undertake their own community activity. Students will be able to further develop their skills in sewing, computer embroidery design and machining and the sewing and using of textiles in a variety of garments and articles.

COURSE CONTENT
Students select their own community activity and they could include:
- Garment construction – clothing for adults, children or babies
- Accessories for fashion – eg scarves, bags
- Household items – quilts, cushions, throw rugs
- Using woven or stretch textiles in a variety of ways
- Creative use of textiles including knitting and crochet

ASSESSMENT
- Practical Community Activity
- Contract of Work
- Folio
- Reflection
VOLUNTEERING IN THE COMMUNITY
Cross-disciplinary
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
Students will gain experience and knowledge about volunteering and have the opportunity to undertake a volunteer experience.
The course will provide an overall understanding of the types of volunteering including both local and international opportunities.

COURSE CONTENT
Students will be introduced to the value of being a member of the Rotaract Club for Global Peace – Australia and how they can use the skills they learn to support the club. This is not a compulsory requirement.
Students will also gain knowledge about the variety of volunteering experiences available, how to prepare for volunteering, responsibilities of a volunteer, legal requirements of a volunteer, basic first aid information and preparing a personal resume and skills register.

Students will have the opportunity to be considered for a 7 day residential leadership program called RYLA (Rotary Youth Leadership Award) which is fully funded by Rotary Clubs.

ASSESSMENT
School-based Assessment
- Contract of Work
- Folio of Work – structured record of evidence
- Reflection on contract completion

WELDING
Business, Enterprise and Technology
SACE Stage 1 10 credits

COURSE DESCRIPTION
This course is mainly practical work based upon the learnt skills of welding and metal fabrication. Students learn OHS guidelines in the practical use of Oxy-Acetylene, Manual Metal Arc and Spot Welding machines. The technical language, theory and skills required are learnt from the practical work in making a welded metal project.

COURSE CONTENT
- Use of machines and hand power tools
- Development of accurate hand skills
- Technical trade specific language
- Reading and interpreting technical drawings
- Project planning and production sequences
- Accurate marking out and measuring skills
- Oxygen-acetylene welding
- Manual Metal Arc Welding (Arc)
- Resistance Welding (Spot)
- Producing a ‘production diary’ and basic sketches

ASSESSMENT
Skills and Application Tasks 20%
Folio 20%
Product 60%

FURTHER INFORMATION
This subject provides preparation for Stage 1 Machining, Stage 2 Metals subjects and the VET Metal Trades course.
WOMEN’S STUDIES A & B
Humanities and Social Sciences
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
This subject focuses on women’s achievements both in Australia and internationally. Students have opportunity to research areas or issues that interest them and that affect women’s empowerment for the future. Students look at women’s rights and roles in various societies and how these effect their choices. Women’s Studies is an interactive subject where students learn from each other through discussions, as well as written, visual texts and guest speakers. There are no pre requisites for Women’s Studies A or B. Stage 1 Women’s Studies builds research and analytical skills useful for future Stage 2 Humanities subjects.

COURSE CONTENT
• Gender Analysis Framework: Women, Gender and Social Identity
• Representations of Women in Cultural Texts
• Key Issues in Women’s Studies (one issue study)

ASSESSMENT
Students demonstrate evidence of their learning through the following assessment types:
- Text Analysis 40%
- Group Presentation 30%
- Issues Analysis 20%

WOODWORK A & B
Business, Enterprise and Technology
SACE Stage 1 10 or 20 credits

COURSE DESCRIPTION
Students investigate, design and create products from solid timber and manufactured boards. Students analyse the impact of making these products on society and the environment.

COURSE CONTENT
There is a strong emphasis on workshop safety. Students will use hand tools, hand held power tools, and stationary machines to make a variety of products. A number of different woodworking joints, and techniques are investigated. The solid timber used is pine, and some manufactured boards are also used. Skills tasks involve critiquing raw material types (i.e. solid timber vs. manufactured boards), and making a small set piece of furniture. These two tasks are designed to provide the student with the skills and knowledge to undertake the folio task, which is to research and design a piece of furniture. The construction task involves making the item designed in the folio task. In woodwork A the product is a small table, in woodwork B a small cabinet.

ASSESSMENT
- Skills and applications tasks 20%
- Folio 30%
- Product 50%

FURTHER INFORMATION
Safety glasses, ear muffs, dust masks and aprons are supplied when needed. It is necessary for students to wear sturdy shoes at all times in the workshop.
WORKING IN AUSTRALIA

English
SACE Stage 1 10 credits

COURSE DESCRIPTION
This program is designed to enable students to develop their English language literacy skills while creating a portfolio that will help them identify potential study, work experience and career opportunities.

COURSE CONTENT
This is a functional literacy class where explicit modelling and targeted exercises will be provided to support development of literacy skills.

Students will gain a greater understanding of their own skills, interests, personal qualities and attributes. They will have an opportunity to develop the capabilities of communication, citizenship, personal development, work and learning.

Students will gain an appreciation of, and competence in, the literacy skills valued by employers. They will improve their understanding of Occupational Health and Safety and Equal Opportunity.

ASSESSMENT
Text analysis 40%
Text production 60%

WORKPLACE PRACTICES

Business, Enterprise and Technology
SACE Stage 1 10 credits

COURSE DESCRIPTION
Students develop knowledge, skills and understanding of the nature, type and structure of the workplace. Students can undertake learning in the workplace and develop their capabilities, interests and aspirations.

COURSE CONTENT
Focus areas of study:
- Industry and Work Knowledge
- Vocational Learning
- Vocational Education and Training (VET)

2 topics will be selected from:
- Future Trends in the World of Work
- The Value of Unpaid Work to Society
- Workers Rights and Responsibilities
- Career Planning
- Negotiated Topics.

ASSESSMENT
Students demonstrate evidence of their learning through:
- Folio 40%
- Performance 30%
- Reflection 30%
Stage 2 Subjects

Accounting
Art – Creative Arts
Automotive
Biology
Building and Construction
Business and Enterprise
Chemistry
Child Studies*
Classical Studies*
Community Studies
Design – Creative Arts
Digital Photography*
Digital Video Production*
Drama – Creative Arts
English as a Second Language
English as a Second Language Studies
English Communications
English Studies*
Food and Hospitality
Furniture Construction*
Geography*

Geology*
Information Processing & Publishing
Legal Studies*
Mathematical Applications
Mathematical Methods
Mathematics Specialist*
Mathematical Studies
Metal Technologies*
Modern History*
Nutrition*
Physical Education
Physics
Psychology*
Research Project
SACE Completion Program (see page 20)
ATAR Program (see page 21)
Society and Culture
Textiles
Textiles and Work
Tourism*
Women's Studies

* Subjects marked with an asterisk are offered in the twilight timeslot of 4 - 7 pm.
ACCOUNTING
Business, Enterprise and Technology
SACE Stage 2 20 credits

COURSE DESCRIPTION
Students will acquire knowledge and skills related to the processes involved in recording, analyzing, and reporting accounting information for effective decision-making.

COURSE CONTENT
The Environment of Accounting
Types of business entities
Influences on accounting information
Users of accounting information
Accounting process

Financial Accounting
• The Accounting Equation
• Double entry
• Accounting reports
• Cash flow
• Analysis and interpretation of financial statements

Management Accounting
• Cash budgets
• Recording inventories
• Control over debtors and assets
• Decision making and report writing

ASSESSMENT
School-based Assessment
  Skills and Application  50%
  Report  20%
External Assessment (examination)  30%

FURTHER INFORMATION
This course prepares students for further study in the area of finance and business. A background in Accounting Stage 1 is desirable.

ART – CREATIVE ARTS
Arts
SACE Stage 2 20 credits

COURSE DESCRIPTION
This subject gives students the opportunity for specialized study within the Arts area. Students participate in the development and presentation of creative art products. They analyze and evaluate products in different contexts and gain an understanding and appreciation of the ways in which creative arts contribute to, and shape the lives, of individuals and communities.

COURSE CONTENT
Product
Students develop and produce two art products in their chosen art discipline eg painting, drawing, printmaking, sculpture, ceramics, installation, photography. A record of the creative process, including annotation and analysis, is essential.

Investigation
Students investigate an area of practice that is of interest to them, and a related practitioner. They present a report for each investigation of 1,000 words each.

Practical Skills
Students conduct a focused exploration, application and evaluation of skills appropriate to their preferred area of the creative arts. The Evaluation is 2,000 words written or 12 minutes oral.

ASSESSMENT
School Assessment
  Product  50%
  Investigation  20%
External Assessment
  Practical Skills  30%
### AUTOMOTIVE

**Cross-disciplinary**

SACE Stage 2  20 credits

**COURSE DESCRIPTION**

A practical course designed for students to develop skills and understanding of modern automotive applications.

**COURSE CONTENT**

Practical examination of the parts that make up the power, electrical, braking, and steering systems of the motor vehicle. Students will gain skills and knowledge in maintenance and repair. Practical activities include:

- Vehicle servicing
- Small engine disassembly and reassembly
- Electrical circuit fault finding and repair

**ASSESSMENT**

<table>
<thead>
<tr>
<th>School Assessment</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Practical</td>
<td>30%</td>
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<tr>
<td>Group Activity</td>
<td>20%</td>
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<tr>
<td>Folio and Discussion</td>
<td>20%</td>
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**External Assessment**

Project  30%

### BIOLOGY

**Sciences**

SACE Stage 2  20 credits

**COURSE DESCRIPTION**

Biology as a Stage 2 subject is organised so that intended student learning is related to a key idea or concept. It is designed to give students a broader appreciation of aspects of living organisms from the cellular level through to ecosystems. The impact of human activities on the environment and other organisms will be explored. Students develop investigative and evaluative skills through laboratory and research based activities.

**COURSE CONTENT**

Stage 2 Biology is organised around the following four themes:

- Macromolecules – Polysaccharides, lipids and proteins, DNA structure and function, genes and gene expression, humans can manipulate DNA
- Cells – Cell theory, cell structure and function in unicellular and multicellular organisms, cell cycle, energy transformations in cells
- Organisms – Hierarchical structure of multicellular organisms, role of specialised structures, asexual and sexual reproduction, impact of human lifestyle choices
- Ecosystems – Biotic and abiotic interactions in communities, trophic levels and energy, cycling of resources, natural selection and speciation, human practices and the environment

**ASSESSMENT**

<table>
<thead>
<tr>
<th>School-based Assessment</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Investigations Folio</td>
<td>40%</td>
</tr>
<tr>
<td>Skills and Applications Tasks</td>
<td>30%</td>
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</tbody>
</table>

**External Assessment**

Examination  30%

**FURTHER INFORMATION**

Stage 1 Biology is recommended. Studies can lead to a range of Science courses at University.
BUILDING & CONSTRUCTION
Cross-disciplinary
SACE Stage 2 20 credits

COURSE DESCRIPTION
This is a practical-based course that has a wide range of activities designed to develop and improve knowledge and skills in the construction area.

COURSE CONTENT
Activities may include:
- Workplace Health and Safety
- Demolition and recycling
- Carpentry skills
- Basic bricklaying
- Wall construction
- Wall frame cladding and flushing

ASSESSMENT
School Assessment
  Practical 30%
  Group Activity 20%
  Folio and Discussion 20%
External Assessment
  Project 30%

BUSINESS & ENTERPRISE
Business, Enterprise and Technology
SACE Stage 2 20 credits

COURSE DESCRIPTION
Business and Enterprise focuses on learning about the theory of running and managing a successful business enterprise. This course covers business issues locally and globally. Students have the opportunity to investigate a current business issue and also to evaluate the impact and effect of business enterprises on the economy, communities and the environment.

COURSE CONTENT
Students complete the study of a core topic and two option topics.

Core Topics
- The Business Environment
- Business in Australia
- The Nature and Structure of Business
- The Business Enterprise

Option Topics
- People, Business and Work
- Business, Law and Government

ASSESSMENT
School-based Assessment
  Practical 20%
  Folio 30%
  Issues Study 20%
External Assessment
  Report 30%

FURTHER INFORMATION
Basic background in Stage 1 Business and Enterprise, Legal Studies, Accounting or Economics is recommended.
CHEMISTRY
Sciences
SACE Stage 2  20 credits

COURSE DESCRIPTION
Chemistry as a Stage 2 subject is organised so that each intended student learning is related to a key idea or concept. Within the study of these chemical ideas and concepts, students develop their chemistry investigation skills through practical investigations and critical analysis of chemistry issues.

COURSE CONTENT
Elemental and Environmental chemistry
• Periodic table, nature's cycles, environmental issues

Analytical techniques
• Volumetric analysis, chromatography and atomic absorption spectroscopy

Using and controlling reactions
• Heat in reactions, electrochemistry, rates and equilibrium, metal production

Organic and biological chemistry
• Functional groups and series, proteins, triglycerides, sugars

Materials
• Polymers, silicates, cleaning agents

ASSESSMENT
School based Assessment
  Investigations Folio  40%
  Skills and Applications Tasks  30%

External Assessment
  Examination  30%

FURTHER INFORMATION
Studies can lead to a range of Science and Engineering courses at university. Stage 1 Chemistry is recommended.

CHILD STUDIES
Health and Physical Education
SACE Stage 2  10 or 20 credits

COURSE DESCRIPTION
This subject focuses on children’s growth and development from conception to 8 years. Students critically examine attitudes and values about parenting and caregiving and gain an understanding of the growth and development of children. Childhood is a unique, intense period of growth and development. Children's lives are affected by relationships with others; intellectual, emotional, social and physical growth; cultural, familial and socio-economic circumstances.

COURSE CONTENT
There are 5 areas of study:
• Contemporary and Future Issues
• Economic and Environmental Influences
• Political and Legal Influences
• Sociocultural Influences
• Technological Influences

ASSESSMENT
School-based Assessment
  Practical  50%
  Group Activity  20%

External Assessment
  Investigation  30%
CLASSICAL STUDIES
Humanities and Social Sciences
SACE Stage 2 20 credits

COURSE DESCRIPTION
This course looks at Greek and Roman classical worlds, including literary texts from the period. As part of this subject, students undertake an externally marked study on an area of the classical world that interests them.

COURSE CONTENT
• Roman History, 70-28 BC
• Roman Poetry
• Greek History, 500-479 BC

ASSESSMENT
School-based Assessment
  Folio                          40%
  Essays                        30%
External Assessment
  Special Study                 30%

COMMUNITY STUDIES
Cross-disciplinary
SACE Stage 2 20 credits

COURSE DESCRIPTION
Students will work on a project of their own choice to support their learning goals. Community Studies is designed to be flexible and fit in with other commitments.

The project designed will allow students to network with people in the community and develop a range of different skills.

COURSE CONTENT
Students choose one of the following areas: arts, business, communication, design, construction, environment, food, health, recreation, science, technology or work.

ASSESSMENT
School-based Assessment
  Folio                          70%
  External Assessment
    Reflection                   30%

FURTHER INFORMATION
At Stage 2 Community Studies will contribute to SACE completion but will not contribute to an ATAR. Students may enrol or convert from another subject to Community Studies throughout the first half of the year.
**SACE Stage 2**

**DESIGN – CREATIVE ARTS**  
Arts  
SACE Stage 2  
20 credits

**COURSE DESCRIPTION**  
This subject gives students the opportunity for specialized study within the Design area. Students participate in the development and presentation of creative art products. They analyze and evaluate products in different contexts and gain an understanding and appreciation of the ways in which creative arts contribute to, and shape the lives, of individuals and communities.

**COURSE CONTENT**  
**Product**  
Students develop and produce two design products in their chosen design discipline. A record of the creative process, including annotation and analysis, is essential.

**Investigation**  
Students investigate an area of practice that is of interest to them, and a related practitioner.

**Practical Skills**  
Students conduct a focused exploration, application and evaluation of skills appropriate to their preferred area of the creative arts.

**ASSESSMENT**  
School Assessment  
- Product (two products)  50%  
- Investigation (two investigations)  20%  

External Assessment  
- Practical Skills (one practical skills task)  30%

**DIGITAL PHOTOGRAPHY**  
Business, Enterprise and Technology  
SACE Stage 2  
20 credits

**COURSE DESCRIPTION**  
This course teaches skills in digital photography, design and photo editing software.

**COURSE CONTENT**  
Students will use digital SLR cameras. Students will edit photographs and create complex design layouts using the Adobe Photoshop software. They will manipulate images and apply filters, special effects and restoration techniques including red-eye reduction, masking, colour channels, noise reduction and many more of the numerous effects and adjustments possible with this complex and powerful software.

Among their assessment tasks, students will produce a minor and major photographic project such as a poster, magazine cover, advertisement, photo book, multimedia presentation, T-shirt, cards, brochure or similar to showcase their photography, design and Photoshop skills. The photographic themes for these projects can be chosen from a wide range of options such as landscapes, macro photography, portraiture, sporting or night photography.

**ASSESSMENT**  
School-based Assessment  
- Skills and applications  20%  
- Product design and development  50%  

External Assessment  
- Folio (2000 words)  30%

**FURTHER INFORMATION**  
A sound background in using computers including filing systems is desirable. Having your own digital camera is an advantage. Students need to provide their own digital storage media.
DIGITAL VIDEO PRODUCTION
Business, Enterprise and Technology
SACE Stage 2  20 credits

COURSE DESCRIPTION
In this course students will gain practical skills and knowledge in the craft of film making. They will learn how to shoot, capture, edit and distribute video using consumer and industry standard equipment and software (Final Cut Pro). Students will work in teams, as well as individually, to suit the needs of projects.

COURSE CONTENT
Assignments in this course will cover the fundamental aspects of film-making, including:
- Production planning
- Storyboarding
- Composing shots for best effect
- Utilizing natural and artificial lighting
- Understanding camera types and settings
- Understanding microphone characteristics and techniques
- Basic musical composition
- Creating 3 point edits
- Editing to imported music
- Mixing and channel automation
- Working effectively in teams

ASSESSMENT
School-based Assessment
Skills and Applications  20%
Product Design and Development  50%

External Assessment
Folio  30%

FURTHER INFORMATION
Students should be able to use a computer and have a keen interest in storytelling.

DRAMA – CREATIVE ARTS
Arts
SACE Stage 2  20 credits

COURSE DESCRIPTION
Creative Arts - Drama allows students to explore acting techniques, as well as develop and apply these skills in a project of their choice. In addition it also provides the flexibility to develop acting further or explore other areas such as production, direction or script design.

COURSE CONTENT
This course will focus on Drama, exploring and analysing theories, techniques and performance genres. It will also involve focussed study of current practitioners and performance to develop an understanding and appreciation for the way that arts contribute to and shape individuals and communities through creativity and expression.

This course will result in the development of creative arts products such as acting performances as well as a folio of evidence, investigations and evaluations.

ASSESSMENT
School-based Assessment
Product  50%
Investigation  20%

External Assessment
Practical Skills  30%
(Focused exploration, application and documentation of a skill or skills appropriate to Performing Arts)
ENGLISH AS A SECOND LANGUAGE STUDIES

English
SACE Stage 2

COURSE DESCRIPTION
This course develops skills in using English mainly for study purposes. As students read and view a variety of texts, they develop skills in locating key ideas as well as synthesizing and expressing them in their own words, both orally and in writing. They also develop research, oral presentation and listening skills and produce formal written texts eg essays, reports and business letters.

COURSE CONTENT

Issue Analysis
• An interactive discussion with the teacher on an issue
• A written response to the issue

Text production
• An essay in response to an issue in a text
• A piece of creative writing in response to a text

Investigation
• Written presentation on the topic of the investigation (essay or report)
• Tutorial (oral) on the topic of the investigation

ASSESSMENT

School-based Assessment
Issue Analysis 20%
Text Production 20%
Investigation 30%

External Assessment
Examination (External Assessment) 30%
(Listening comprehension paper and written paper)

FURTHER INFORMATION
If students have had more than 5 years of education in English in Australia or overseas, they must have their written English assessed by the ESL Coordinator to confirm their eligibility for Stage 2 ESL Studies.

Back to Contents
ENGLISH AS A SECOND LANGUAGE

English
SACE Stage 2

20 credits

**COURSE DESCRIPTION**
In this course, students develop their understanding, confidence and proficiency in the use of the English language, developing skills as critical readers, viewers, listeners, speakers and writers. It develops the knowledge and competence gained in Stage 1 ESL.

**COURSE CONTENT**
Students undertake tasks within the following areas of study:

**Communication Study**
- Oral – from speech, TV report, advertising presentation, demonstration
- Written – from formal letter, newspaper, magazine article, pamphlet

**Text Production**
- Responses to fictional and non-fiction texts
- Oral – class presentation or discussion with teacher
- Written – from narrative, journal entry, essay, reflection, letter, report or description

**Language Application**
Students produce one oral report and one written evaluation based on an interview or a mentoring activity.

**Investigation**
External Assessment. Students write a written report on a contemporary issue of their choice and present an oral reflection.

**ASSESSMENT**
School-based Assessment
  - Communication Study 20%
  - Text Production 30%
  - Language Application 20%
  - External Assessment 30%

**FURTHER INFORMATION**
If students have had more than 5 years of education in English in Australia or overseas, they must have their written English assessed by the ESL Coordinator to confirm their eligibility for Stage 2 ESL.
ENGLISH COMMUNICATIONS
English
SACE Stage 2 10 or 20 credits

COURSE DESCRIPTION
This course is designed to expand students’ skills in reading and responding to a range of texts as well as in the crafting and production of various text-types. Students will investigate and apply the conventions, techniques and language strategies used to communicate in written, spoken and multi-modal texts.

COURSE CONTENT
Text Analysis
Students demonstrate the ability to understand, analyze and effectively discuss three different text types – Prose narrative/Poetry or Song/Film. One of these will be presented as an oral text.

Text Production
Students demonstrate the skills and knowledge needed to produce examples of different types of texts, such as recount, exposition and writing to entertain. One of these texts will be produced as a timed piece under supervision.

Communication Study
Students undertake a study into one form of communication and discuss skills in the production of a second form of communication.

Folio
Students select and produce one form of Text Production and one example of Text Analysis to showcase their personal skills.

ASSESSMENT
School Based Assessment
Text Production 20%
Text Analysis 20%
Communication Study 30%

External Assessment
Folio 30%

ENGLISH STUDIES
English
SACE Stage 2 20 credits

COURSE DESCRIPTION
This course offers students the opportunity to extend their knowledge and understanding of literature. The course focuses on the analysis of quality texts, encouraging students to extend the scope of their reading and viewing.

COURSE CONTENT
An in-depth study of shared novels, poetry, plays and film.
The analysis of texts using critical thinking skills. Students are required to develop informed opinions and find evidence to support their point of view.
The ability to construct logical and convincing arguments.
Opportunities for students to develop and demonstrate their use language for a range of purposes.

An Individual Study that requires each student to select two appropriate texts to analyze and compare in an extended essay.

ASSESSMENT
School-based Assessment
Text responses including an Individual Study 50%
Oral and written text production 20%

External Assessment
Three hour examination 30%
FOOD & HOSPITALITY
Health and Physical Education
SACE Stage 2 20 credits

COURSE DESCRIPTION
This course focuses on the impact of the food and hospitality industry on Australian society and examines the contemporary and changing nature of the industry. Students develop relevant knowledge and skills as consumers and/or as industry workers.

COURSE CONTENT
Students study topics within the following five areas of study:
• Contemporary and Future Issues
• Economic and Environmental Influences
• Political and Legal Influences
• Socio-cultural Influences
• Technological Influences.

ASSESSMENT
School-based Assessment
  Practical  50%
  Group work  20%
External Assessment
  Investigative Study  30%

FURNITURE CONSTRUCTION
Business, Enterprise and Technology
SACE Stage 2 20 credits

COURSE DESCRIPTION
This course provides opportunity for students to demonstrate knowledge and practical skills associated with using systems, processes and resistant materials. This is a woodwork based subject where students design and construct a medium sized piece of furniture.

COURSE CONTENT
Students use a range of manufacturing technologies such as tools, machines, and/or systems to convert resistant materials into useful products.
The course develops wood machining skills, with work involving power saws, surface planers and other powered equipment.
Students will design and construct their own medium sized piece of furniture.

ASSESSMENT
School-based Assessment
  Skills and Applications  20%
  Product  50%
External Assessment
  Folio  30%

FURTHER INFORMATION
You may be required to purchase some furniture construction materials as required for larger projects.
SACE Stage 2

GEOGRAPHY
Humanities and Social Sciences
SACE Stage 2

COURSE DESCRIPTION
Students develop an understanding of the spatial interrelationships between people, places and environments. Students pose and seek answers to questions of what, where, who, why, how, and when about their world. The discipline of geography deals with diverse environmental phenomena and human activities, including population, landforms, tourism, globalisation, resources, agriculture, hazards and urban planning.

COURSE CONTENT
Core Topic
Population, Resources, and Development
Students are introduced to the processes involved in population change. Students become aware of the impacts of population and consumption on the environment. Water is used as a case study.

Option Topics
Students will have the opportunity to explore 2 of the following topics:
- Urbanisation
- Tourism
- Coasts
- Environmental Hazards
- Globalisation

ASSESSMENT
School-based Assessment
Fieldwork 25%
Inquiry 20%
Folio 25%

External Assessment
Examination 30%
GEOLOGY Sciences SACE Stage 2 20 credits

COURSE DESCRIPTION
This course has been developed as part of the GeoFutures program in consultation with the mining and exploration industry. The course includes industry speakers and can lead to further study of geology at university level.

COURSE CONTENT
Geology Stage 2 includes 4 topics;

The Rock Cycle
- Minerals
- The cycle of change
- Regional processes

Global Patterns and Process
- Global Patterns
- Global Processes

The History of Earth
- Uniformitarianism
- Rock relationships
- The Geological Time Scale
- Geological Mapping and remote image interpretation

Geological Hazards
- Civil Engineering
- The importance of resources
- Sustainable future

ASSESSMENT
School-based Assessment
Investigation/Folio Tasks 40%
Skills & Applications Tasks 30%

External Assessment
Examination (External Assessment) 30%

FURTHER INFORMATION
Stage 2 Geology will include compulsory field trips and excursions involving walking and physical activity.
SACE Stage 2

INFORMATION PROCESSING & PUBLISHING
PERSONAL AND BUSINESS DOCUMENTS
Business, Enterprise and Technology
SACE Stage 2 20 credits

COURSE DESCRIPTION
Students will be introduced to designing and producing personal and business documents using Word and Excel. Skills developed are suitable for further study, personal communications and employment.
Basic keyboarding skills are assumed.

COURSE CONTENT
Practical tasks completed will include letters, reports, tables, financial statements, budgets, newsletters, programs and itineraries.
Social, legal and ethical issues considered may include such topics as:
• Confidentiality
• Retraining
• Multiskilling
• Occupational health, safety and welfare
• Intellectual property
• Security

ASSESSMENT
School-based Assessment
Practical 40%
Theory 30%
External Assessment
Product and Documentation 30%

FURTHER INFORMATION
Previous software knowledge and experience is an advantage.

LEGAL STUDIES
Humanities and Social Sciences
SACE Stage 2 20 credits

COURSE DESCRIPTION
This course provides students with the chance to learn about the Australian legal system from the local level to its global connections, its origins and functions. The course focuses on the Australian Constitution, examines the key concepts of parliamentary democracy and how the legal system deals with civil and criminal disputes. Students will learn how laws are made and enforced and the legal issues affecting Australian citizens. Students are expected to take a critical view of the legal system as well understanding its strengths.

COURSE CONTENT
• The Australian Legal System
• Constitutional Government
• Law-making
• Justice Systems

ASSESSMENT
School Assessment
Folio 50%
Inquiry 20%
External Assessment
Examination 30%

FURTHER INFORMATION
Completion of Stage 1 Legal Studies is desirable.
MATHEMATICAL APPLICATIONS
Mathematics
SACE Stage 2 10 or 20 credits

COURSE DESCRIPTION
This course covers a range of mathematics relevant to both personal and business use. Students explore, describe and explain aspects of the world around them using mathematical problem-solving skills. The use of a graphics calculator is required in this course.

COURSE CONTENT
Semester 1
• Investments and Loans
• Share Investments

Semester 2
• Statistics and Working with Data
• Mathematics and Small Business

ASSESSMENT
School-based Assessment
Skills and Applications Tasks 30%
Folio tasks 40%

External Assessment
Examinations 30%

FURTHER INFORMATION
Casio calculators are available for hire from the College for a refundable fee.

MATHEMATICAL METHODS
Mathematics
SACE Stage 2 20 credits

COURSE DESCRIPTION
This course contains topics from Statistics, Calculus and Matrices and Systems of Linear Equations.

COURSE CONTENT
• Statistics
• Normal Distribution
• Central Limit Theorem
• Binomial Distribution
• Confidence Intervals
• Sampling distributions
• Modelling
• Linear models
• Exponential and power models
• Modeling from data
• Calculus
• Rates of change
• Rules, finding derivatives
• Differentiation rules
• Applications
• Linear Programming
• Properties of regression models
• Linear Programming
• Matrices
• Addition and subtraction
• Matrix multiplication
• Powers
• Networks, Dominance and Transition Matrices

ASSESSMENT
School-based Assessment
Skills and application tasks 45%
Folio tasks 25%

External Examination 30%
SACE Stage 2

MATHEMATICS SPECIALIST
Mathematics
SACE Stage 2

COURSE DESCRIPTION
This course contains topics from Trigonometry Preliminaries, Polynomials and Complex Numbers and Vectors and Geometry.

COURSE CONTENT
- Trigonometry Preliminaries
- Trig graphs
- Properties of trig graphs
- Identities
- Complex Numbers
- Complex number operations
- Inductive arguments
- Polar Form and Argand diagrams
- DeMoivre's theorem
- Polynomials
- Operations
- Fundamental Theorem of Algebra
- Quadratic Iterations
- Vectors and Geometry
- 3-D vectors
- Lines and Planes
- Geometry of circles and tangents
- Vector proofs
- Calculus
- Functions of time
- Uniformly and non-uniformly varying quantities
- Related rates, velocity and tangents
- Derivatives of circular functions
- Calculus of trig functions
- Differential equations including separable differential equations
- Systems of differential equations and cyclic behaviour

ASSESSMENT
School-based Assessment
Skills and application tasks 45%
Folio tasks 25%
External Examination 30%

FURTHER INFORMATION
Students must also do Stage 2 Mathematical Studies.
MATHEMATICAL STUDIES
Mathematics
SACE Stage 2 20 credits

COURSE DESCRIPTION
This course contains topics from Systems of Equations, Matrices, Introductory Calculus, Differential Calculus, Applications of Calculus, Exponential and Integral Calculus and Statistics.

COURSE CONTENT
Systems of Equations
Solution of systems of equations, matrices

Calculus
Introductory Calculus, modelling, rates of change, limits, derivative function, simple rules and chain rule, product and quotient rule, tangents and normals.

Applications of Calculus
Rates of change, curve properties, optimisation, exponential and logarithmic functions, integration.

Statistics (Normal Distribution)
Normal distribution, sample means, hypothesis testing, confidence intervals.

Statistics (Binomial Distribution)
Pascal's Triangle, probabilities, normal approximation, hypothesis testing, confidence intervals.

ASSESSMENT
School-based Assessment
Skills and application tasks 45%
Folio tasks 25%
External Examination 30%

METAL TECHNOLOGIES
Business, Enterprise and Technology
SACE Stage 2 20 credits

COURSE DESCRIPTION
Students identify, create, initiate and develop products, processes or systems. They explore technologies in both contemporary and historical settings and analyse the impacts of technology, including social, environmental and sustainable consequences. The focus context for this subject will be a range of metals and metal working processes.

COURSE CONTENT
There will be a strong emphasis on workshop safety. Students will have opportunities to extend, consolidate and integrate their skills and knowledge in metal design, fabrication and machining in a modern, well-equipped workshop. Equipment available includes gas and electric welding methods OXY, ARC and MIG, thermal cutting, including plasma, metal machining including lathe turning and manual milling operations to manufacture metal products.

ASSESSMENT
School-based Assessment
Skills and Applications 20%
Product 50%
External Assessment
Folio 30%
MODERN HISTORY
Humanities and Social Sciences
SACE Stage 2 20 credits

COURSE DESCRIPTION
In this subject, students investigate people, places, events, and ideas in the history of modern societies. They learn to apply the skills of historical inquiry, including critical analysis. They will construct reasoned historical arguments based on a critical understanding of evidence from sources, reflect on and evaluate the impacts of individuals and events.

COURSE CONTENT
Revolutions and Turmoil
Social and Political Upheavals since c. 1500 with a focus on the Russian Revolution.

An Age of Catastrophes
Depression, Dictators, and the Second World War, c. 1929–45, with a focus on Adolf Hitler and Nazi Germany.

ASSESSMENT
School-based Assessment
Folio (essays, source analyses) 50%
Individual essay 20%
External Assessment
Exam 30%

NUTRITION
Sciences
SACE Stage 2 20 credits

COURSE DESCRIPTION
Nutrition students explore up-to-date scientific information on the role of nutrients in the body as well as on social and environmental issues related to nutrition.

COURSE CONTENT
Core Topics
• The Fundamentals of Human Nutrition
• Diet, Lifestyle and Health
• Food Selection and Dietary Evaluation
• Food, Nutrition and the Consumer

Option Topics
One topic from:
• Global Nutrition and Ecological Sustainability
or
• Global Hunger

ASSESSMENT
School-based Assessment
Investigations Folio 40%
Skills and Applications Tasks 30%
External Assessment
Examination 30%
PHYSICAL EDUCATION  
Health and Physical Education  
SACE Stage 2  
20 credits  

COURSE DESCRIPTION  
This course involves undertaking three sports practical activities, as well as studying the three topics of exercise physiology, skill acquisition and the biomechanics of sports performance.

COURSE CONTENT  
Practical Topics  
- Basketball, volleyball, and badminton (or preferred alternative)  
- Optional negotiated activity for elite-level sports student  

Folio Topics  
- Energy systems and fitness components in sport  
- Training principles and methods to improve performance  
- How we learn sports skills  
- The biomechanics of sports performance  
- Investigation of a contemporary sports issue  

ASSESSMENT  
School-based Assessment  
Practical activities 50%  
Folio tasks 20%  

External Assessment  
Examination 30%  

FURTHER INFORMATION  
Previous experience with some of the above practical sports or a background in exercise physiology would be beneficial.

PHYSICS  
Sciences  
SACE Stage 2  
20 credits  

COURSE DESCRIPTION  
Stage 2 Physics is organised into four sections, as shown below. Each section is divided into four topics. Each topic includes one application, which is an integral part of study in this subject.

COURSE CONTENT  
- Motion in Two Dimensions  
- Electricity and Magnetism  
- Light and Matter  
- Atoms and Nuclei  

ASSESSMENT  
School-based Assessment  
Investigations Folio 40%  
Skills and Applications Tasks 30%  

External Assessment  
Examination 30%  

FURTHER INFORMATION  
Studies can lead to a range of Science and Engineering courses at university.
### PSYCHOLOGY

**Sciences**  
**SACE Stage 2**  
**20 credits**

**COURSE DESCRIPTION**
This course studies the concepts of Psychology from the Biological, Personal, Cognitive and Social perspectives. The course looks at how psychology works as a profession, ethics and research structures and general theories that are used to explain our behaviour. Students need to understand that psychological evidence, theories, and principles address four levels of explanation of human behaviour — the biological, basic processes, person, and sociocultural levels.

**COURSE CONTENT**
- Introduction to Psychology - a required background in the principles of research, the profession and ethics
- Social Influence
- Learning
- Personality
- States of Awareness
- Healthy Minds

**ASSESSMENT**
School-based Assessment  
Skills and applications tasks 40%  
Folio - 2 Research investigations 30%

External Assessment  
Examination 30%

### RESEARCH PROJECT

**Cross-disciplinary**  
**SACE Stage 2**  
**10 credits**

**COURSE DESCRIPTION**
Students:
- choose a topic based on an area of interest  
- learn and apply research processes and knowledge and skills specific to their research topic  
- record their research and evaluate what they have learnt

The term ‘research’ is used broadly and may include practical or technical investigations, formal research or exploratory inquiries.

**COURSE CONTENT**
The content of the Research Project comprises the Capabilities and Research Framework.

In the Research Project students choose a research topic that is based on an area of interest, and one or more capabilities (*Literacy, Numeracy, Information and Communication Technology Capability, Critical and Creative Thinking, Personal and Social Capability, Ethical Understanding, and Intercultural Understanding*).

Students use the research framework as a guide to developing their research and applying knowledge and skills specific to their research topic. They create an outcome, evaluate the research processes used and reflect on the relevance of the chosen capability (or capabilities) to themselves and their research project.

*continued next page*
RESEARCH PROJECT
Cross-disciplinary
SACE Stage 2 10 credits

continued from previous page

ASSESSMENT
School-based Assessment
   Folio 30%
   Research outcome 40%
External Assessment
   Evaluation 30%

FURTHER INFORMATION
The Research Project is a compulsory subject of the SACE.
Students must complete the 10-credit Stage 2 Research Project with a C grade or better.

SOCIETY & CULTURE
Humanities and Social Sciences
SACE Stage 2 20 credits

COURSE DESCRIPTION
Students study the interactions of people, societies, cultures and environments. They learn about the ways in which societies constantly change and are affected by social, political, historical, environmental, economic and cultural factors. Through course activities students develop social inquiry skills and are expected to participate in group activities and primary research to develop these skills.

COURSE CONTENT
At least one topic from each of the following three will be studied. Activities and content within each of these topics is flexible and will be negotiated with the class to ensure relevance and interest.

Culture
   • Cultural Diversity
   • Youth Culture

Contemporary Challenges
   • Social Ethics
   • People and the Environment

Global Issues
   • A Question of Rights
   • People and Power

ASSESSMENT
School-based Assessment
   Folio 50%
   Interaction 20%
External Assessment
   Investigation 30%
TEXTILES & WORK
Cross-disciplinary
SACE Stage 2

COURSE DESCRIPTION
Students will use their previous knowledge and skills using sewing machines, overlockers and embroidery machines to undertake community projects related to work that uses textiles.

COURSE CONTENT
Students may consider setting up their own business, making and repairing clothing or assisting charities and government agencies in the provision of textile based items.

The course will also involve learning about Health and Safety with home businesses, teaching others in the community and the financial and legal requirements of setting up your own business. Students will maintain a folio of their work throughout the course and make a presentation of their work.

ASSESSMENT
School-based Assessment
• Contract of Work
• Folio of Work – structured record of evidence
• Reflection on contract completion
• Presentation of community project to an audience

EXTERNAL ASSESSMENT
Folio is externally moderated

FURTHER INFORMATION
In this course students must be capable of operating sewing machines, overlockers and embroidery machines. They must be confident with sewing and making items of a good standard.
TEXTILES
Cross-disciplinary
SACE Stage 2 10 or 20 credits

COURSE DESCRIPTION
This course is designed for students who have an interest in design and construction using textiles. The work must involve the community outside of the school and be presented to a community audience for feedback. The course looks at the characteristics of textiles and their place in the community.

COURSE CONTENT
Students will be able to:
• develop their skills and knowledge working with textiles
• use sewing machines and overlockers
• use Computer Embroidery machines
• develop and use design in embroidery
• make garments and accessories
• make items for community groups, e.g. kindergartens, childcare centers, volunteer organisations
• use woven and stretch textiles in a variety of ways
• incorporate different forms of textiles
• use varied techniques including knitting and crochet
• learn how to design for purpose
• examine the functionality of textiles

ASSESSMENT
School-based Assessment
Contract of Work 70%
External Assessment Reflection 30%

TOURISM
Humanities and Social Sciences
SACE Stage 2 20 credits

COURSE DESCRIPTION
Through formative and summative work students will gain an understanding of the operations and structures of the industry, sustainable tourism and the traveller’s perceptions and interactions with the host community.

COURSE CONTENT
Three topics selected from:
• applications of technology in tourism
• the economics of tourism
• establishing a tourism venture
• indigenous people and tourism
• management issues of local area tourism
• the impacts of tourism
• marketing tourism
• responsible travel
• special interest tourism
• the role of governments and organisations in tourism
• tourism industry skills
• negotiated topic

ASSESSMENT
School-based Assessment
Practical 25%
Folio 20%
Investigative Study 25%
External Assessment
Examination 30%

FURTHER INFORMATION
The individual investigation into a tourism trend, development or contemporary issue is presented as an extended response and requires significant analysis, synthesis and evaluation of primary and secondary sources of information.
SACE Stage 2

WOMEN’S STUDIES
Humanities and Social Sciences
SACE Stage 2 20 credits

COURSE DESCRIPTION
Students look at the world from the perspectives of women. Students examine the construction of gender and how being a woman or a man may influence an individual’s experiences and expectations. They explore the diversity of women’s experiences and their relationships to others. They also study gender representation in cultural texts.

COURSE CONTENT
• Representations of Women in Cultural Texts
• Health and Well-being
• Women’s Struggles, Achievements and Empowerment
• Women, Culture and Society
• Negotiated Issue

ASSESSMENT
School-based Assessment
Text Analysis 20%
Essay 20%
Folio 30%

External Assessment
Issues Analysis 30%

FURTHER INFORMATION
Women’s Studies is available to female and male students.
The Skills Centre

The Skills Centre is a centre of excellence for vocational training courses. There are nationally recognised qualifications delivered in a range of industry areas. Some of these courses are even offered in flexible mode, utilising the Thebarton Online Moodle site to allow enrolments from near and far.

VET training can be used for SACE completion. Every 35 nominal hours (shown in brackets next to the units of competence for each certificate) is equal to 5 SACE credits. Check for SACE level and the latest nominal hours at http://www.sace.sa.edu.au/subjects/recognised-learning/recognition-register/vet-recognition-register.

Thebarton is a Registered Training Organisation (RTO), accredited to deliver nationally recognised training in the areas of Business, Business Administration, Community Services 1, Creative Industries (Multimedia), Information Technology and English Proficiency.

Other nationally recognised training in Construction, Community Services 2 and Engineering, Metal Trades and Plumbing are accredited by the Master Builders Association and TafeSA respectively.
## The Skills Centre

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</tbody>
</table>

*competencies from selected training packages

**subjects are eligible for the government funded Skills for All subsidies.
Tertiary Preparation

ADULT TERTIARY PREPARATION
Certificate 4 Adult Tertiary Preparation
39260QLD
90 Stage 1 credits
Course Length 1 semester

Students entering this course must be at least 18 or must turn 18 during the course.

COURSE DESCRIPTION
This course prepares students for entry into many tertiary institutions by completing modules that develop the skills and knowledge required for successful tertiary study. It is designed for adults returning to study, particularly if some time has elapsed since they last studied.

COURSE CONTENT
Language and Learning 1 & 2
These modules will provide learners with knowledge and competence in a range of language and learning skills commensurate with expressive (writing, speaking), receptive (listening, viewing, reading), critical and research skills required in tertiary situations.

University Study Skills
This module provides the learner with the opportunity to gain knowledge about learners, learner's needs and learning, to become better informed and considerate of the options available in degree programs, and to make informed decisions about careers. It introduces learners to the knowledge, skills, processes and understanding of a variety of research methods used at university.

Mathematics (General) 1
This course provides the learner with the knowledge, skills and techniques required in an every-day life application of mathematics as appropriate to the skills needed when encountering mathematics in non-mathematically based tertiary courses.

Computing for Academic Purposes 1 & 2
These modules provide learners with the knowledge and skills required in using computer technology as a tool for learning in a tertiary environment.

Family and Consumer Studies 1 & 2
Module 1 has a focus on nutrition in social, cultural, political and individual aspects of the family and society. Module 2 has a focus on the individual and family relationships in social, cultural, political and individual aspects of the family and society. Both modules provide the learner with the knowledge and skills to participate and make informed decisions in an increasingly complex, diverse and changing society. The Family and Consumer Studies modules are designed to develop and provide experiences in experimentation, research, creativity, reflection and management related to present day living, which will be applied to the individual, the family and society.

continued next page
ADULT TERTIARY PREPARATION
Certificate 4 Adult Tertiary Preparation
39260QLD
90 Stage 1 credits
Course Length 1 semester

continued from previous page

Media Studies
This module provides learners with an integrated conceptual understanding of media products, the practices which lead to their production, the institutions in which they are produced and the audiences who meet with them. The module will provide learners with an analytic and critical framework for understanding the differences and similarities between media products, practices, institutions and audiences.

General and Applied Science 1
This module provides the learner with the knowledge, skills and techniques required in the everyday life applications of science. The skills needed when encountering science in general tertiary courses without specific science prerequisites will be fostered.

UNITS OF COMPETENCE
(Nominal hours shown in brackets)
ATP 400 Language and Learning 1 (63)
ATP 401 Language and Learning 2 (63)
ATP453 University Study Skills (63)
ATP 437 Mathematics (General) 1 (63)
ATP 415 Computing for Academic Purposes (63)
ATP 421 Family and Consumer Studies 1 (63)
ATP 422 Family and Consumer Studies 2 (63)
ATP 442 Media Studies 1 (63)
ATP424 General and Applied Science (63)

PATHWAY
This course is a pathway to enter many university courses and TAFE programs. Students must check the relevant, specific university course information to ensure their individual entry requirements.
CERTIFICATE 2 BUSINESS
BSB20107
50 Stage 1 credits
Course Length 10 weeks

COURSE DESCRIPTION
In this course students will work in an office environment called a Virtual Enterprise. This will help prepare the learner to work in jobs such as a clerical assistant, receptionist, office administrator or personal assistant. Activities are hands-on with development of skills and knowledge reinforced through written and oral presentations. Training in word processing and spreadsheet skills are acquired in dedicated training sessions (subjects).
Software used includes:
- MS Office – Word, Excel, Outlook, Publisher
- MYOB (Mind Your Own Business)

COURSE CONTENT
The subjects studied include:

Virtual Enterprise – Unique @ Thebarton Virtual Enterprise
A simulated business run by students with help from the teacher and a real business partner. It offers a training environment to enhance the development of business, technical and interpersonal skills. The products and services are traded as in a real business although no actual transfer of money or goods takes place. Students will issue invoices, keep financial records, pay employees, bank monies and develop skills in decision-making, group dynamics and working with others.

Word Processing Intro
Correct keyboard techniques are developed including proofreading, file management and document layout.

Spreadsheets
In an introduction to using spreadsheets for personal and business applications. Students create and use spreadsheets, use simple formulae, absolute and relative cell references, built in functions, create charts, customize basic settings, print and save.

continued next page
Business

CERTIFICATE 2 BUSINESS
BSB20107
50 Stage 1 credits
Course Length 10 weeks

continued from previous page

UNITS OF COMPETENCE
(Nominal hours shown in brackets)

Core
BSBWHS201A Contribute to the health & safety of self & others (20)

Electives
BSBCUS201A Deliver a service to customers (20)
BSBINM201A Process and maintain workplace information (30)
BSBINM202A Handle mail (15)
BSBCMM201A Communicate in the workplace (40)
BSBWOR202A Organise and complete daily work activities (20)
BSBWOR203A Work effectively with others (15)
BSBWOR204A Use business technology (20)
ICAIT203A Operate application software packages (60)
BSBITU102A Develop keyboard skills (20)
BSBITU101A Operate a personal computer (20)
BSBITU201A Produce simple work processed documentation (40)
BSBITU202A Create and use spreadsheets (30)
BSBITU304A Produce spreadsheets (35)
BSBIND201A Work effectively in a business environment (30)

PATHWAY
This course is a pathway to Certificate 3 in Business Administration.
CERTIFICATE 3 BUSINESS ADMINISTRATION
BSB30407
80 Stage 2 credits

COURSE DESCRIPTION
In this course students will work in an office environment called a Virtual Enterprise. This provides preparation for work in jobs such as a clerical assistant, receptionist, office administrator or personal assistant. Activities are hands-on with development of skills and knowledge reinforced through written and oral presentations. Dedicated training in Advanced Word Processing, Desktop Publishing, PowerPoint and Database skills are acquired in dedicated training sessions (subjects).

Software used includes:
- MS Office – Word, Excel, Outlook, Publisher, Access
- Adobe InDesign CS5
- MYOB (Mind Your Own Business)

COURSE CONTENT
The subjects studied include:

Virtual Enterprise – Unique @ Thebarton Virtual Enterprise
A simulated business run by students with help from the teacher and a real business partner. It offers a training environment to enhance the development of business, technical and interpersonal skills. The products and services are traded as in a real business although no actual transfer of money or goods takes place. Students will process payroll, organise schedules, design and produce business documents and develop skills in decision-making, group dynamics and working with others.

Word Processing Advanced
Keyboard speed and accuracy is further developed. Documents will be keyed, retrieved, edited, formatted, saved and printed. File management including storage and location of data and log-on procedures will be included. Documentation will include displays, tables, mail merges and reports using multi-level numbering.

Databases
An introduction to using the database application, Microsoft Access, to design, create and set table attributes, customize basic settings, retrieve information using queries, create reports for printing and create forms for data entry.

Desktop Publishing
Students will use Desktop Publishing software (Adobe InDesign CS6) to apply the principles of design and layout in completing tasks including brochures, posters, leaflets, newsletters, letterheads and business cards.

PowerPoint
Using Microsoft PowerPoint students learn to create a slideshow; add, select, copy, delete and move text images and graphics; customize basic settings; sequence a slideshow; use various effects such as animation, transition and on-screen navigation tools, save and print the presentation in various forms.

continued next page
CERTIFICATE 3 BUSINESS ADMINISTRATION

BSB30407

80 Stage 2 credits

Course Length 10 weeks

continued from previous page

UNITS OF COMPETENCE

(Nominal hours shown in brackets)

Core
BSBITU307A Develop keyboarding speed and accuracy (50)
BSBWHS201A Contribute to health & safety of self & others (20)

Electives
BSBITU203A Communicate electronically (20)
BSBITU301A Create and use databases (30)
BSBITU302A Create electronic presentations (30)
BSBITU303A Design and produce text documents (90)
BSBITU306A Design and produce business documents (80)
BSBITU309A Produce desktop published documents (50)
BSBADM307B Organise schedules (15)
BSBCUS301A Deliver and monitor a service to customers (35)
BSBFIA302A Process payroll (30)
BSBINM301A Organise workplace information (30)
BSBWRT201A Write simple documents (30)

PATHWAY

This course is a pathway to higher business courses at TAFE.
CERTIFICATE 1 COMMUNITY SERVICES  
CHC10108  
20 Stage 1 credits  
Course Length: 2 semesters  

PREFERRED BACKGROUND  
This course is suitable for students who are exiting from the New Arrivals Program and/or studying English Proficiency Certificate 2 or Core Skills.  

COURSE DESCRIPTION  
This course will cover Work Education topics suitable for students who might wish to follow the Community Services Pathway but who do not yet have the language skills to enter the pathway at Certificate 2 Community Services. It is suitable for those students who want to improve their communication skills.  

COURSE CONTENT  
Students do practical projects, group work and case studies. They are required to complete a personal skills analysis to develop a plan for future study. This plan may include preparation for Certificate 2 and higher Certificates in areas such as child care, aged care and disability which are now available through Skills for All.  

UNITS OF COMPETENCE  
(Nominal hours shown in brackets)  
BSBCMM101A  Apply basic communication skills  
CHCCS211B  Prepare to work in the community sector  
HLTWHS200A  Participate in WHS processes  
Additional unit to be advised (30)  

PATHWAY  
This course is a pathway to Certificate 2 Community Services.
Community Services

CERTIFICATE 2 COMMUNITY SERVICES
CHC20108
30 Stage 1 credits and 70 Stage 2 credits
Course Length 2 semesters

PREFERRED BACKGROUND
Literacy and numeracy suitable for Stage 2 subjects.

COURSE DESCRIPTION
This nationally accredited course is designed for people who enjoy working with others in a caregiver role in areas such as child care, disability care, aged care, youth work, primary health care, nursing, community work or dental assistant.

COURSE CONTENT
Students must complete the following Stage 2 subjects.

Human Development
This course is designed to give students an understanding of all aspects of human development. Guest speakers, interactive discussion and community visits will occur. There is a lifelong learning emphasis. Independent research and study is included.
Topics studied include:
• Different types of families
• Human life span
• Infancy
• Childhood
• Adolescence
• Ageing
• People with disabilities
• Lifelong Learning

Assessment (20 SACE credits) consists of:
School Assessment
  Commentary  30%
  Group Project  20%
  Presentation and Discussion  20%

External Assessment
  Analysis  30%

Workplace Practices
Workplace Practices focuses on work and pathways into the Community Services industry. This industry includes sectors such as aged care, child care, disability services, youth work and community work. The course includes class time, community visits, guest speakers and investigations as well as work experience for approximately 60 hours.
Topics include:
• Work in Australian society (paid and unpaid)
• Industrial relations, including Occupational Health and Safety (OHS); working conditions; the role of unions
• Issues in the community services industry
• Finding employment; career planning.

Assessment (20 SACE credits) consists of:
School-based Assessment
  Folio  25%
  Performance  25%
  Reflection  20%

External Assessment
  Investigative Study  30%
Workplace Documents
This course is for students studying the Community Services Certificate 2 pathway and aims to develop skills and confidence in using a range of information and communication technologies with a community service and work focus.

Software used:
- Microsoft Word - letter of application, report display and layout
- Microsoft Powerpoint - group presentation task
- Microsoft Publisher - three fold brochure

Assessment (20 SACE credits) consists of:
School Assessment
  Practical Tasks  30%
  Group Task  20%
  Portfolio and Discussion  20%

External Assessment
  Research Project  30%

Further Information:
There is an emphasis on technology, independent and group work. It is preferable if students are familiar with basic computer operations.

Research Project
Students choose a topic of interest linked to their chosen sector in the community services pathway to research. Students will learn and apply research processes and the knowledge and skills specific to the research topic. A record of research will be maintained and an evaluation completed.

Assessment (10 SACE credits) consists of:
School-based Assessment
  Folio  30%
  Research Outcome  40%

External Assessment
  Evaluation  30%

VET Competencies
Competencies from the following VET subjects:
- Communications Studies
- Workplace Practices (VET)

Work placement is a requirement for successful completion of this qualification. 
continued next page
CERTIFICATE 2 COMMUNITY SERVICES
CHC20112
30 Stage 1 credits and 70 Stage 2 credits
Course Length 2 semesters

continued from previous page

UNITS OF COMPETENCE
(Nominal hours shown in brackets)

Core
CHCCS211A Prepare for work in the community sector (55)
CHCCOM201C Communicate with people accessing the services of the organisation (15)
CHCORG201A Follow policies, procedures and programs of the organisation (15)
CHCORG202C Work with others (15)
HLTOHS200A Participate in OHS processes (20)

Electives
CHCADMIN201C Undertake basic administrative duties (15)
CHCGROUP201C Support the activities of existing groups (20)
CHCCOM302C Communicate appropriately with clients and colleagues (20)
CHCGROUP302D Support group activities (20)
CHCNET301D Participate in networks (20)
CHCCD307C Support community resources (30)

FURTHER INFORMATION
Students must undertake work experience as part of this course. Some competencies may be assessed while on work experience in the community services industry.

PATHWAY
This course is a pathway to further study at Certificate 3 or higher in more specialized areas of Community Services.
CERTIFICATE 1 GENERAL CONSTRUCTION
Construction Focus
CPC10111
40 Stage 1 credits
Course Length 2 semesters

COURSE DESCRIPTION
In this practical-based course students will participate in a wide range of activities designed to develop and improve knowledge and skills in many building and construction trade areas.

Students will become familiar with a wide range of construction tools and equipment.

Students will work in a simulated work environment as well as participate in work placements on building sites.

COURSE CONTENT
Practical activities include:

- safety on the worksite
- workplace communication
- demolition and recycling
- introduction to carpentry skills
- basic bricklaying
- timber-framed wall construction
- wall frame cladding and flushing
- basic roofing
- cubby house construction or similar

White Card training is undertaken, which will give students the authority to access building sites as needed.

Trade Maths and Trade Communications should be studied in conjunction with this course.

Training booklets are completed to demonstrate knowledge and understanding of the theory behind the practical activities. This will require some effort at home outside of the normal College time allocation.

*continued next page*
CERTIFICATE 1 GENERAL CONSTRUCTION

Construction Focus
CPAC101
40 Stage 1 credits
Course Length 2 semesters

UNIT OF COMPETENCE
(Nominal hours shown in brackets)

Core Units
CPCCCM1019A Work effectively in the construction industry (20)
CPCCCM1013A Plan and organize work (20)
CPCCCM1014A Conduct workplace communication (20)
CPCCCM2001A Read and interpret plans and specifications (36)
CPCCCM2005A Use construction equipment (96)
CPCCVE10011A Undertake a basic construction project (40)
CPCCOHS1001A Work safely in the construction industry (6)
CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry (20)

Elective Units
CPCCCM1015A Carry out measurements and calculations (20)
CPCCCM2006A Apply basic levelling procedures (8)
CPCCCM1011A Handle construction materials (16)

FURTHER INFORMATION
There will be a strong emphasis on safety and students are expected to wear appropriate clothing and footwear at all times. On work placement, students will be required to provide and wear steel capped safety boots.

PATHWAY
Apprenticeship in a related industry and completion of a Trade Certificate 3 in domestic, commercial and construction industries.
CERTIFICATE 2 INFORMATION, DIGITAL MEDIA & TECHNOLOGY (ONLINE)
ICA20111
55 Stage 1 credits
Course Length Full year (equivalent to 2 subjects per semester)

COURSE DESCRIPTION
This introductory course provides fundamental skills and knowledge for individuals to safely perform foundation digital literacy tasks using a personal computer and a range of software applications and digital devices.

Students may attend 1 lesson per week and complete work online. Students wishing to study offsite must have daily access to an internet connected computer with a Browser, MS Office and an email account they can access from home.

Students must have daily access to:
- an internet enabled computer with an Internet Browser and MS Office
- software suitable for photo, video and sound editing
- an email account

(Students may access this equipment at the College if not available at home)

COURSE CONTENT
Students learn to use social media tools like Facebook, Google+, Flickr, Blogger and YouTube to collaborate with others and explore their own interests. The skills required to prepare and edit photo images, web video and podcasts to enable sharing via social media tools is a focus of this course. The skills required to use Microsoft Office applications such as Word, Excel and Outlook to prepare format and share documents for a variety of business needs are also developed.

Basic computer maintenance skills including managing the operating system, filing system and connecting peripherals are also developed as well as those required for problem solving IT issues and configuring software applications such as virus protection and productivity software.

Students will also acquire the skills required to work effectively in an IT environment and will develop knowledge and understanding of environmentally sustainable work practices and occupational health and safety processes.

continued next page
CERTIFICATE 2 INFORMATION, DIGITAL MEDIA & TECHNOLOGY (ONLINE)
ICA20111
55 Stage 1 credits
Course Length 1 semester full time (equivalent to 4 subjects)
Full year (equivalent to 2 subjects per semester)

UNITS OF COMPETENCE (correct at time of printing)

ICAWEB201A Use social media tools for collaboration and engagement 20
ICAICT204A Operate a digital media technology package 40
CUFDIG303A Produce and prepare photo images 20
ICAICT203A Operate application software packages 60
BSBSUS201A Participate in environmentally sustainable work practices 60
ICAICT202A Work and communicate effectively in an IT environment 20
BSBOHS201A Participate in OHS processes 20
ICASAS202A Apply problem solving techniques to routine IT malfunctions 20
ICASAS203A Connect hardware peripherals 20
ICASAS205A Maintain IT system integrity 20
ICAICT201A Use computer operating systems and hardware 60
ICAICT206A Install software applications 20
CUFPOS201A Perform basic vision and sound editing 40
CUFSOU204A Perform basic sound editing 30

PATHWAY
Further study in Information Technology (Certificate 3 or higher).
CERTIFICATE 3 INFORMATION, DIGITAL MEDIA & TECHNOLOGY
ICA30111
5 Stage 1 and 65 Stage 2 credits
Course Length 1 semester

PREFERRED BACKGROUND
Successful completion of Certificate II Information Technology or equivalent.

COURSE DESCRIPTION
Entry to this course requires demonstrated vocational experience using a range of information technologies, completion of Certificate 2 or its equivalent, or recommendation for the course by a staff member.

This qualification provides skills and knowledge for an individual to be competent in a wide range of general information and communications technology (ICT) technical functions and to achieve a degree of self-sufficiency as an advanced ICT user. The competencies include techniques in installing and configuring hardware and operating systems, supporting users by troubleshooting software, hardware and peripheral faults, producing digital images for the web, building and maintaining websites. A person with these competencies would have skills in working effectively in an IT environment and a knowledge of environmentally sustainable work practices, occupational health and safety processes and copyright and privacy concerns.

COURSE CONTENT
There are four subjects in this course. Students must complete one of the elective subjects. Students may elect to complete this course online.

Core
Core subjects require students to complete work in Occupational Health and Safety, sustainability, security and copyright and documentation required by users.

Install & Configure
In this subject, the focus is on computer hardware, optimising operating systems and supporting users. Networking or Web Technologies are offered in alternate semesters. Networking covers systems, installation and configuration of small wired and wireless networks. Web Technologies develops understanding of maintenance, review, development and implementation of web sites.

MultiMedia VET (Elective)
In this subject students are introduced to the multimedia industry by looking at multimedia products, employment possibilities and the organisations that are involved. Students produce web pages that have an interactive interface and that incorporate the main components of multimedia (video, sound, animation text and graphics).

Networking (Elective)
In this subject students learn to manage users, groups and permissions on a network. They also learn to resolve network problems and create and manage a small office/home network.

continued next page
CERTIFICATE 3 INFORMATION, DIGITAL MEDIA & TECHNOLOGY
ICA30111
5 Stage 1 and 65 Stage 2 credits
Course Length 1 semester

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UNITS OF COMPETENCE
Core
BSB0HS302B Participate effectively in OHS communication and consultative processes 30
BSBSUS301A Implement and monitor environmentally sustainable work practices 40
ICAICT202A* Work and communicate effectively in an IT environment 30
ICAICT418A Contribute to copyright, ethics and privacy in an IT environment 40
ICAICT301A Create user documentation 20
ICAWEB201A Use social media tools for collaboration and engagement 20

Install and Configure
ICAICT302A Install and optimize operating system software 20
ICASAS301A Run standard diagnostic tests 15
ICAICT303A Connect internal hardware components 30
ICASAS303A Care for computer hardware 20
ICASAS305A Provide IT advice to clients 35
ICASAS306A Maintain equipment and software 25

Multi Media VET
BSBEBU401A Review and maintain a website 60
ICAWEB301A Create a simple markup language document 30
ICAWEB302A Build simple websites using commercial programs 50
ICAWEB303A Produce digital images for the web 30
CUFDIG304A Create visual design components 40

Networking
ICANWK301A Provide network systems administration
ICANWK302A Identify and resolve network problems
ICANWK304A Administer network peripherals
ICANWK305A Install and manage network protocols
ICANWK307A Install, configure and secure a small office home office

FURTHER INFORMATION
Students will be expected to do reading, preparation for class and written assessment work online through on the College moodle.

PATHWAY
Further study at Certificate 4 Information Technology.
CERTIFICATE 4 INFORMATION TECHNOLOGY
ICA40111
130 Stage 2 credits
Course Length 2 semesters

PREFERRED BACKGROUND
Completion of a Certificate 3 in Information Technology is desirable.

COURSE DESCRIPTION
In this course, students will participate in a wide range of activities designed to develop and improve skills and knowledge in the IT industry. Topics covered include game design, iPhone app creation, programming and computer support. Students will also complete their Stage 2 Research Project during the course.

COURSE CONTENT
Semester 1
- Systems Maintenance
- Design
- Graphical User Interfaces
- Programming Skills

Semester 2
- Working in 3D
- Game Design
- Game Development (includes Stage 2 Research Project)
- Mobile App Development

UNITS OF COMPETENCE
(Nominal hours are shown in brackets)

Core Units
- BSB0HS302B Participate effectively in OHS communication and consultative processes (30)
- BSBSUS301A Implement and monitor environmentally sustainable work practices (40)
- ICAICT202A Work and communicate effectively in an IT environment (40)
- ICAICT401A Determine and confirm client business requirements (40)
- ICAICT418A Contribute to copyright, ethics and privacy in an IT environment (40)

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<table>
<thead>
<tr>
<th>Elective Units</th>
<th>Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>Programming</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICAPRG407A</td>
<td>Write scripts for software applications</td>
<td>40</td>
</tr>
<tr>
<td>ICAPRG427A</td>
<td>Use XML effectively</td>
<td>50</td>
</tr>
<tr>
<td>ICAPRG406A</td>
<td>Apply introductory object-oriented language skills</td>
<td>60</td>
</tr>
<tr>
<td>ICAICT420A</td>
<td>Develop client user interface</td>
<td>40</td>
</tr>
<tr>
<td>ICAPRG409A</td>
<td>Develop mobile applications</td>
<td>50</td>
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<tr>
<td><strong>IT Support</strong></td>
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<tr>
<td>ICASAS414A</td>
<td>Evaluate system status</td>
<td>20</td>
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<tr>
<td>ICASAS425A</td>
<td>Configure and troubleshoot operating systems software</td>
<td>40</td>
</tr>
<tr>
<td>ICAICT421A</td>
<td>Connect, maintain and configure hardware components</td>
<td>40</td>
</tr>
<tr>
<td>ICASAS426A</td>
<td>Locate and troubleshoot IT equipment, system and software faults</td>
<td>30</td>
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<tr>
<td><strong>Digital Games</strong></td>
<td></td>
<td></td>
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<tr>
<td>ICAGAM412A</td>
<td>Design interactive media</td>
<td>50</td>
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<tr>
<td>ICAGAM408A</td>
<td>Use 3-D animation interface and toolsets</td>
<td>40</td>
</tr>
<tr>
<td>ICAGAM410A</td>
<td>Develop 3-D components for interactive games</td>
<td>50</td>
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<tr>
<td>ICAGAM402A</td>
<td>Identify and apply principles of games design and game playing</td>
<td>40</td>
</tr>
<tr>
<td>ICAGAM405A</td>
<td>Write story and content for digital games</td>
<td>30</td>
</tr>
<tr>
<td>ICAGAM401A</td>
<td>Produce an interactive game</td>
<td>60</td>
</tr>
<tr>
<td><strong>Digital Media Technologies</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICADMT401A</td>
<td>Create visual design components for digital media</td>
<td>40</td>
</tr>
<tr>
<td><strong>Web Design and Development</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICAWEB414A</td>
<td>Design simple web page layouts</td>
<td>50</td>
</tr>
<tr>
<td><strong>Project Management</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICAPMG401A</td>
<td>Support small scale IT projects</td>
<td>60</td>
</tr>
</tbody>
</table>

**PATHWAY**

Successful completion of this course allows students to apply for IT undergraduate courses at university or Diploma courses at TAFE.
METAL TRADES A – WELDING & FABRICATION
Skills Set from Certificate 2 in Engineering
MEM20105
30 Stage 1 credits
(10 Stage 1 credits if Metal Trades B (Machine Operations) has been completed)
Course Length 1 semester

COURSE DESCRIPTION
This practical course focuses on the joining and welding of metals using a range of processes including induction welding, oxy-acetylene welding (OAW) Manual Metal Arc (MMAW) and Gas Metal Arc GMAW. Students will also be introduced to some introductory hand tool exercises and sheet metal working processes. There will be a strong emphasis on safety and students are expected to wear appropriate clothing and footwear.

This course can be done before or after Metal Trades B – Machine Operation and Mechanical Principles to make up a full year’s study. The two programs should be seen as complimentary to each other to maximize SACE points as well as increase skills related to manufacturing and engineering related industries.

COURSE CONTENT
- Workshop safety
- Fabrication methods and practice
- Welding methods and practice
- Hand and power tools
- Tool maintenance
- Grinding and drilling
- Employability skills
- Work preparation
- Project planning
- Quality procedures
- Manual handling of equipment and materials
- Workshop calculations
- Workshop communication
- Review questions
- Online information searches

Workshop classes will occupy two full days per week.
Students will also study SACE Stage 1 Trade Maths and Trade Communication subjects.
Other SACE courses should be selected to make up a full-time program.
Students will be assisted in organizing and undertaking an industry work placement during the term breaks.

continued next page
Metal Trades Skills

METAL TRADES A – WELDING & FABRICATION
Skills Set from Certificate 2 in Engineering
MEM20105
30 Stage 1 credits
(10 Stage 1 credits if Metal Trades B (Machine Operations) has been completed)
Course Length 1 semester

continued from previous page

UNITS OF COMPETENCE
(Nominal hours are shown in brackets)

Core Units
MEM16007A Work with others in a manufacturing, engineering or related environment (20)
MEM13014B Apply principles of OHS in a work environment (10)
MEM14004A Plan to undertake a routine task (10)
MEM15024A Apply quality procedures (18)

Specialization Units for Welding & Mechanical Streams
MEM18002B Use power tools/hand held operations (20)
MEM11011B Undertake manual handling (20)
MEM12024A Perform computations (30)

Welding Specialisation Units
MEM05004C Perform routine oxy acetylene welding (20)
ME05012C Perform routine MMAW welding (20)
MEM5007C Perform manual heating and thermal cutting (20)
MEM05050B Perform routine GMAW welding (20)

PATHWAY
For both Metal Trades A and Metal Trades B a pathway to an apprenticeship or Trade Certificate 3.
METAL TRADES B – MACHINE OPERATIONS & MECHANICAL PRINCIPLES
Skills Set from Certificate 2 in Engineering
MEM20105
30 Stage 1 credits
(10 Stage 1 credits if Metal Trades A (Welding & Fabrication) has been completed)
Course Length 1 semester

COURSE DESCRIPTION
This practical course focuses on a range of mechanical principles and metal machining processes related to the field of fitting and turning as well as machine operation and tool making trades. Students will also undertake a range of hand tool and machine exercises using a range of ferrous and non-ferrous metal sections including sheet, flat bar and round and hexagonal solid bar stock. There will be a strong emphasis on safety and students are expected to wear appropriate clothing and footwear. It is highly recommended that students wear overalls whilst operating machine tools.

This course can be done before or after Metal Trades A – Welding and Fabrication to make up a full year’s study. The two programs should be seen as complimentary to each other to maximize SACE points as well as increase skills related to manufacturing and engineering related industries.

COURSE CONTENT
- Workshop safety
- Hand cutting tools and methods
- Mechanical cutting machines and methods
- Hand and power tools
- Tool maintenance and tool sharpening
- Tool and machine setting
- Grinding and drilling
- Milling
- Lathe turning operations
- Engineering measuring instruments
- Power transmission in machine tools – gears and pulleys
- Speed ratios and material cutting speeds
- Employability skills
- Work preparation
- Project planning
- Quality procedures
- Manual handling of equipment and materials
- Workshop calculations
- Workshop communication
- Review questions
- Online information searches

Workshop classes will occupy two full days per week.

Students will also study SACE Stage 1 Trade Maths and Trade Communication subjects. Other SACE courses should be selected to make up a full-time program.

continued next page
# Metal Trades Skills

## METAL TRADES B – MACHINE OPERATIONS & MECHANICAL PRINCIPLES
Skills Set from Certificate 2 in Engineering  
MEM20105  
30 Stage 1 credits  
(10 Stage 1 credits if Metal Trades A (Welding & Fabrication) has been completed)

**Course Length**: 1 semester

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### UNITS OF COMPETENCE
(Nominal hours are shown in brackets)

**Core Units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Nominal Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEM16007A</td>
<td>Work with others in a manufacturing, engineering or related environment</td>
<td>20</td>
</tr>
<tr>
<td>MEM13014B</td>
<td>Apply principles of ohs in a work environment</td>
<td>(10)</td>
</tr>
<tr>
<td>MEM14004A</td>
<td>Plan to undertake a routine task</td>
<td>(10)</td>
</tr>
<tr>
<td>MEM15024A</td>
<td>Apply quality procedures</td>
<td>(18)</td>
</tr>
</tbody>
</table>

**Specialization Units for Welding & Mechanical Streams**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Nominal Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEM18002B</td>
<td>Use power tools/hand held operations</td>
<td>(20)</td>
</tr>
<tr>
<td>MEM11011B</td>
<td>Undertake manual handling</td>
<td>(20)</td>
</tr>
<tr>
<td>MEM12024A</td>
<td>Perform computations</td>
<td>(30)</td>
</tr>
</tbody>
</table>

**Machine & Mechanical Specialisation Units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Nominal Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEM18001C</td>
<td>Use hand tools</td>
<td>(20)</td>
</tr>
<tr>
<td>MEM12023A</td>
<td>Perform engineering measurements</td>
<td>(30)</td>
</tr>
<tr>
<td>MEM05005B</td>
<td>Carry out mechanical cutting</td>
<td>(20)</td>
</tr>
<tr>
<td>MEM07032B</td>
<td>Use workshop machines for basic operations</td>
<td>(20)</td>
</tr>
</tbody>
</table>
CERTIFICATE 2 CREATIVE INDUSTRIES (MEDIA)
CUF20107
35 Stage 1 credits
(all 4 certificate courses must be completed to gain these credits)
Course Length 1 semester

CERTIFICATE DESCRIPTION
There are four subjects in this course.

CERTIFICATE CONTENT

MULTIMEDIA

SUBJECT DESCRIPTION
In this subject students are introduced to the multimedia industry by looking at multimedia products, employment possibilities and the organisations that are involved. Web pages that have an interactive interface and that incorporate the main components of multimedia (video, sound, animation text and graphics), are produced as part of this course.

CONTENT
• Introduction to multimedia industry
• Introduction to Microsoft PowerPoint
• Overview of copyright law
• Overview of multimedia hardware and software
• Government influences on multimedia
• Introduction to Dreamweaver CS6
• Introduction to HTML and CSS
• Fundamental overview of usability issues in web site design and development
• Planning processes for web design and development

UNIT S OF COMPETENCE
(Nominal hours shown in brackets)
CUFIND201A  Develop and apply creative arts industry knowledge  (20)
CUFRES201A  Collect and organize content for broadcast or publication  (20)

continued next page
CERTIFICATE 2 CREATIVE INDUSTRIES (MEDIA)
CUF20107
25 Stage 1 and 30 Stage 2 credits
(all 4 certificate courses must be completed to gain these credits)
Course Length 1 semester

MULTIMEDIA DESIGN
SUBJECT DESCRIPTION
This course provides an introduction to the theory and practice of designing visual elements for different media, including print and screen. Students learn about a general design process that can be applied to many different media. An online diary reflecting on skill development and points of interest will be maintained throughout the course.

CONTENT
- Elements and principles of graphic design
- Introduction to using a design process
- Using Adobe Illustrator and Photoshop
- Creating animations
- Design for print
- Design for animation
- Keeping a blog
- Finding and evaluating industry sources of knowledge
- Working with clients
- Introduction to Project Management

UNITS OF COMPETENCE
(Nominal hours shown in brackets)
BSBCRT101A Apply critical thinking techniques (20)
BSBDES201A Follow a design process (40)
ICAICT204A Operate a digital media technology package (40)

continued next page
DIGITAL PHOTOGRAPHY
SUBJECT DESCRIPTION
In this subject students are introduced to using a DSLR camera to capture high quality images in indoor and outdoor situations. There will be a focus on the proper use of studio lighting, as well as principles of visual composition. The skills required to make appropriate adjustments to photos in Adobe Camera Raw and Photoshop will also be acquired. Students will learn the skills required to work in teams and develop knowledge of occupational health and safety in the studio.

CONTENT
• Fundamentals of digital photography
• Using a DSLR camera
• OHS in the photo industry
• Introduction to studio photography
• Photoshop fundamentals
• Using Camera Raw
• Restorative Justice principles
• Working effectively in teams
• Fundamentals of product photography

UNITs OF COMPETENCE
(Nominal hours shown in brackets)
CUFCAM201A Assist with a basic camera shoot (30)
CUFDIG303A Produce & prepare photo images (60)

continued next page
CERTIFICATE 2 CREATIVE INDUSTRIES (MEDIA)
CUF20107
25 Stage 1 and 30 Stage 2 credits
(all 4 certificate courses must be completed to gain these credits)
Course Length 1 semester

DIgITAL VIDEO
SUBJECT DESCRIPTION
In this subject students are introduced to the use of a variety of consumer to professional level cameras to capture video footage. This footage will be edited in industry standard software (Final Cut Pro), and readied for either DVD or web distribution. There will be an introduction to a general planning process for film-making and students will also acquire the skills required to work in teams. Students will apply their skills to planning and shooting a short film. Elements and principles of composition will be covered, as well as the capture and composition of sound tracks.

CONTENT
• Fundamentals of digital video
• Using a digital video camera
• OHS in the video industry
• Introduction to lighting for video
• Design process for creating a video product
• Final Cut Pro fundamentals
• GarageBand fundamentals
• Audio editing fundamentals
• Hazard ID and risk assessment
• Working effectively in teams
• Microphone selection and technique

UNITs OF COMPETENCE
(Nominal hours shown in brackets)
CUS0HS301A  Follow occupational health and safety procedures  (20)
CUFP0S201A  Perform basic sound and vision editing  (50)
BSBWOR203A  Work effectively with others  (15)

FURTHER INFORMATION
To gain SACE credits, students must successfully complete all four core courses.

PATHWAY
Students undertaking this certificate may also gain credit towards Certificate 3 in IT, which in turn is an excellent preparation for Certificate 4 Information Technology (Mobile Apps and Games). Additionally, students who complete this course are well prepared for entry to TAFE in a variety of media related pathways.
CERTIFICATE 1 GENERAL CONSTRUCTION – PLUMBING FOCUS
CPC10111
40 Stage 1 credits
Course Length 2 semesters

COURSE DESCRIPTION
This course provides excellent insight and background for students considering a trade-based career with a particular emphasis on plumbing trades. Thebarton has modern well equipped workshops that allow training to be delivered in a simulated workplace environment. The training day starts at 8.40 and finishes at 4pm. Apart from the practical and theoretical subjects, students must also complete 20 days work-placement in an appropriate work place setting.

COURSE CONTENT
Students will undertake a range of practical workshop-based activities designed to complement the theoretical and underpinning knowledge aspects of the course. Students will also gain familiarity with a range of commonly used hand and power tools, particularly those used in the plumbing trades. Activities undertaken will include:
• oxy-acetylene welding processes for the heating, annealing and silver brazing of copper tubing
• sheet metal work associated with roofing and roof plumbing
• basic carpentry and timber framing

There is a strong emphasis on a range of employability skills including attendance, punctuality, teamwork, initiative and positive attitudes. Students must also comply with strict OH&S guidelines.

UNITS OF COMPETENCE
(Nominal hours shown in brackets)
CPCCOHS1001A Work safely in the construction industry (White Card) (6)
CPCCCM103A Plan and organise work (20)
CPCCCM1004A Conduct workplace communication (20)
CPCCCM1005A Carry out measurements and calculations (20)
CPCCVE1001A Undertake a basic construction project (40)
CPCCCM2001A Read and interpret plans and specifications (36)
CPCCCM2004A Handle construction materials (16)
CPCCCM2005A Use construction tools and equipment (96)
CPCCCM2006A Apply basic levelling procedures (8)
CPCCCM1001A Undertake basic estimation and costing (16)
CPCCCM1002A Work effectively and sustainably in the construction industry (20)

PATHWAY
Certificate 3 Trade level qualification in Plumbing. Diverse career options include gas fitting, fire sprinkler installation, domestic or commercial roof plumbing, air conditioning, pipe fitting and drainage.