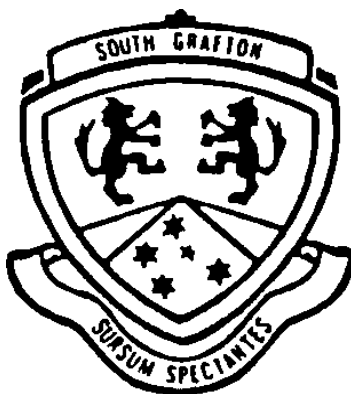


# South Grafton High School

**“Excellence & Innovation”**



## **COURSE INFORMATION**

**For**

**YEAR 9 - 2020**

**(Record Of Student Achievement – 2021)**



SUBJECT SELECTION  
INFORMATION EVENING  
South Grafton High School  
Library & Hall

WEDNESDAY JULY 24

5.00pm

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## SUBJECT SELECTION - YEAR 9, 2020

Students entering Year 9 are required to continue their study in:

English  
Maths  
Science  
History  
Geography  
PDHPE

In addition to the above requirements you have the opportunity to study three (3) elective subjects in Year 9. These electives are spread across four lines, W, X, Y and Z, with PDHPE running within these lines to make up each student's fourth subject. These elective subjects may be continued into Year 10 or a different set can be elected at the end of Year 9.

### GUIDE TO SELECTING SUBJECTS

When selecting the subjects you would like to study you should choose carefully. This is critical to your happiness at school, success in studies and the range of future vocational opportunities that will be available to you.

Think about:

- What subjects do you best in?
- What are the subjects you enjoy most?
- Which subjects might give you a 'taste' of senior courses?
- What do you hope to do when you finish school?

In making a selection it is **very important** for you to find out what subjects are being offered and what they are really about so you can make a sensible decision.

You should:

- read this prospectus
- talk to your teachers
- talk to Mrs Dewberry, the Careers Adviser
- discuss your choices with your parents

**Do not** choose subjects just because:

- + your friends are choosing them
- + your brothers or sisters liked or disliked them.



This prospectus outlines:

- the course name
- course contact person
- the type of course
- course costs
- a brief description of the course
- an outline of the ways you will be assessed
- how these courses relate to senior studies (Years 11 & 12).

*Please note that if insufficient students choose a particular subject, then that subject will not be offered.*

Some subjects have contributions to cover cost of special materials. Be sure that you can afford the course fee before choosing a particular course.

Please choose six (6) subjects **in order of your preference**. We will endeavour to place you in as many of your first three selections as we can.

Remember that once you have made your choices the chance of altering that choice will be small. Only in exceptional circumstances will changes be permitted so choose wisely.

**Please ensure that subject selection sheets are completed and submitted ONLINE by Wednesday August 14. Late returns may mean that your preferences don't get considered as some subjects fill up very quickly.**

<b>Aboriginal Culture</b>		<b>KLA: HSIE</b>
<b>Course Costs: may include excursion costs and fees for guest speakers</b>	<b>Contact Person: HSIE STAFF</b>	<b>Course Type: NESAs</b>

**Excursions are expected to take place throughout the course.**

**Course Information:**

Aboriginal Culture in the junior school is a course for both Aboriginal and non-Aboriginal students that allows for a study of the cultures and lifestyles of Aboriginal Peoples of Australia. It has a local community focus and core studies that emphasise identity and autonomy, allowing students to develop pride, personal affirmation and to recognise the diversity in Aboriginal cultures. Students also develop ethical research skills and an ability to work within community consultation protocols, both of which are important employment skills. As a result of studying this course, students not only improve their employability but also develop the knowledge and skills to make a valuable contribution to Australia's future as citizens.

**Course Content:**

**Core:**

Aboriginal Identities and Aboriginal Autonomy

**Options:**

Aboriginal Enterprises and Organisations

Aboriginal Visual Arts

Aboriginal Performing Arts

Aboriginal Peoples and the Media

Aboriginal Oral and Written Expression

Aboriginal Film and Television

Aboriginal Technologies and the Environment

Aboriginal Peoples and Sport

Aboriginal Interaction with the Legal and Political Systems

School Developed Option

COURSE: <b>Agriculture</b>		KLA: <b>Science</b>
COURSE COSTS: <b>\$30 per year</b>	CONTACT PERSON: <b>Mr Lehman</b>	COURSE TYPE: <b>NESA(available over 2 years)</b>

### ANTICIPATED EXCURSIONS AND APPROXIMATE COSTS

Most work in this subject is carried out in class and within the School Agriculture plot. However, there is usually ONE excursion each year - one day long - to visit local agricultural industries. Estimated cost = \$20 (mostly for bus hire).

### COURSE AIMS

Agriculture is not designed to turn out farmers but rather to provide students with a general idea of agriculture in Australia, and more importantly their local area. Students will gain skills and ideas on local agricultural enterprises; eg. sugarcane, fruit, vegetable production and animal industry. Students will develop skills to gainfully occupy their leisure time, and at the same time be able to contribute to their well-being.



### COURSE CONTENT

#### Year 9

- Agriculture in Australia
- Vegetables
- Agricultural Production
- Sheep & Goats
- Poultry

#### Year 10

- Cattle
- Alternative Agriculture
- Soils & Pastures
- Crops
- Farm Machinery & Safety

Equal amounts of time will be spent on theory and practical.

### PRACTICAL STUDIES

- ◆ Experiments and activities associated with the above topics.
- ◆ Students will be responsible for their own area of soil (plot) in which to grow a large variety of vegetables.
- ◆ Machinery maintenance and operation.
- ◆ Care of poultry, sheep, goats, cattle and pigs.



### HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

Assessment in Agriculture for both Year 9 and 10 will be by:

- ◆ Practical Reports
- ◆ Topic Tests
- ◆ Practical Skills
- ◆ Assignments

RELATED SENIOR COURSES: Agriculture is available as a HSC course and Primary Industries
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PREPARATION FOR RELATED SENIOR COURSES:
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It may be helpful to study Agriculture in Years 9 and 10 but it is NOT a requirement.
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COURSE: <b>Art</b>		KLA: <b>Creative &amp; Performing Arts</b>
COURSE COSTS: <b>\$60 per year</b>	CONTACT PERSON: <b>Mr Neill</b>	COURSE TYPE: <b>NESA(available over 2 years)</b>

#### ANTICIPATED EXCURSIONS AND APPROXIMATE COST:

Year 9: A field trip in the local area - approx \$15  
Year 10: A field trip in the local area - approx \$15  
Gallery visit to Brisbane - approx \$40



#### COURSE INFORMATION

This course is of 2 years duration and provides students with an introduction to, and experience in, a variety of art forms, media and art techniques. Students will be provided with the opportunity to explore their own creativity in a number of ways while developing the necessary skills required to produce art works of high quality.

Areas that may be explored in the 2 years of the course include:

- Painting - canvas, board and paper
- Drawing - pastels, pencils (lead & watercolour), ink and crayon
- Printmaking - silk screen printing, etching and relief printing
- Mixed Media - collage, photocopier art, montage
- Sculpture - wire, clay plaster

Students will be introduced to art works from different cultures of the world - cultures from 2000 years ago and cultures from 20 years ago.

Presentation of students' work is an important component of this course. Ongoing exhibitions are considered a reinforcement of student talents and achievements.

#### HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE:

Students will undertake task that combine:

Making of Art	60%
Study of Art	40%

RELATED SENIOR COURSES: Visual Arts is available as a HSC course and Photograph Video and Digital Imaging is available as Content Endorsed Course. Also Visual Design is available as Content Endorsed Course.
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PREPARATION FOR RELATED SENIOR COURSES:
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It is a definite advantage to study Art in Years 9 and 10 but it is NOT a requirement.
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COURSE: <b>CHILD STUDIES</b>		KLA: <b>Technology &amp; Applied Studies</b>
COURSE COSTS: <b>\$20</b>	CONTACT PERSON: <b>Mrs Ferris</b>	COURSE TYPE: <b>NESA(available over 2 years)</b>

### **COURSE INFORMATION**

The aim of this elective is to allow students the opportunity to develop and/or nurture an interest in learning about the development of children from preconception to starting school.

Students will develop knowledge and understanding of:

- Child development from preconception through to and including the early years
- Positive influences on the growth, development and wellbeing of children
- External factors that support the growth, development and wellbeing of children
- Skills in researching, communicating and evaluating issues related to child development

Students will value and appreciate:

- The role positive parenting and caring has on a child's sense of belonging and their health and well being
- The positive impact that significant others play in the growth and development of children

This elective provides the opportunity for students to experience 'Virtual Babies' and to undertake a First Aid course to gain a first aid certificate. As well as this students will be able to participate in practical activities such as designing and making a nutritious meal for toddlers, designing and making an appropriate toy and reading and appreciating children's books and other forms of media.

Child Studies may help students decide whether this is a career option for the future.

Student Assessment:

- Practical activities related to area of study
- Knowledge and application of related theory

RELATED SENIOR COURSES: Exploring Early Childhood and TAFE accredited Child Studies courses are available as HSC courses
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COURSE: <b>Dance</b>		KLA: <b>Creative &amp; Performing Arts</b>
COURSE COSTS: <b>\$10 per year</b>	CONTACT PERSON: <b>Miss S McCann</b>	COURSE TYPE: <b>NESA(available over 2 years)</b>

**COURSE INFORMATION:**

The dance course offered to students, focuses on developing basic dance movement skills in a variety of dance styles. Dance can take you into a range of careers options including teaching, performing, administration, choreography and other exciting prospects in the performing arts world.

**Dance involves:**

- Composing your own dances as well as learning set dances that have been choreographed by others.
- Learning about dance technique, correct body alignment and safe dance practices which help you develop your ability, flexibility and strength.
- Learning about dance history and the study of famous choreographers and their dance techniques.
- The opportunity to learn a variety of dance styles from jazz, musical theatre, classical ballet, modern, contemporary and traditional dances from around the world.
- Many opportunities to perform in front of audiences at The Mid North Coast Dance Festival, eisteddfods, school productions, Schools Spectacular.



**'Whosoever danceth not, knoweth not the way of life.'**  
*From A Gnostic hymn of the second century*

**HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?**

The course is divided into three areas: Performance, Composition and Appreciation. Students will be assessed in these three areas which mainly involve practical work, book work and assignments, as well as participation, effort and conduct. A more detailed description is given to students at the beginning of the course.

RELATED SENIOR COURSES: Dance is available as a Preliminary and HSC course.
PREPARATION FOR RELATED SENIOR COURSES: The Year 9 and 10 Course leads into the Higher School Certificate.

COURSE: <b>Design &amp; Technology</b>		KLA: <b>Technology &amp; Applied Studies</b>
COURSE COSTS: <b>\$20 per year</b>	CONTACT: <b>Mr Youman</b>	COURSE TYPE: <b>NESA (available over 2 years)</b>

## COURSE INFORMATION

**Design & Technology** is a two year course for the motivated student who is interested in specialising in design and the use of a wide variety of materials.

Students will be taught **Creative Problem Solving, Time Management** and the **Design Process** in order to fully plan their projects.

Projects are developed throughout the course from the development of student's problem solving skills and design ability. A minimum of three focus areas are to be studied in the 200 hours course.

**Computers** form a major role in this course both in the designing stages (opportunity to experience Computer Assisted Design (CAD), Multimedia, Digital Graphics) and in the presentation of work. (Desktop Published and Multimedia Presentations.)

The course is composed of:

- Design and Planning components incorporating a Design Folio
- Computer multimedia / Graphical Presentation and Technical drawing skills.
- Practical experience in a wide range of focus areas of design such as:

<ul style="list-style-type: none"> <li>➤ Accessory</li> <li>➤ Agriculture</li> <li>➤ Architectural</li> <li>➤ Communication Systems</li> <li>➤ Digital Media</li> <li>➤ Fashion Design</li> <li>➤ Furniture Design</li> <li>➤ Graphical</li> </ul>
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<ul style="list-style-type: none"> <li>➤ Information System</li> <li>➤ Interior Design</li> <li>➤ Jewellery</li> <li>➤ Marine Design</li> <li>➤ Software</li> <li>➤ Structural Design</li> <li>➤ Student negotiated focus area of design</li> </ul>
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## HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

- Practical Projects
- Practical Folio

RELATED SENIOR COURSES: Design & Technology, Industrial Technology and Engineering Science are available as HSC courses.
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PREPARATION FOR RELATED SENIOR COURSES:
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It may be helpful to study Design & Technology in Years 9 and 10 but it is NOT a requirement.
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COURSE: <b>Food Technology</b>		KLA: <b>Technology &amp; Applied Studies</b>
COURSE COSTS: <b>\$65 Per Year</b>	CONTACT: <b>Mrs Wood Mrs Fraser Mrs Ferris</b>	COURSE TYPE: <b>NESA– (available over 2 years)</b>

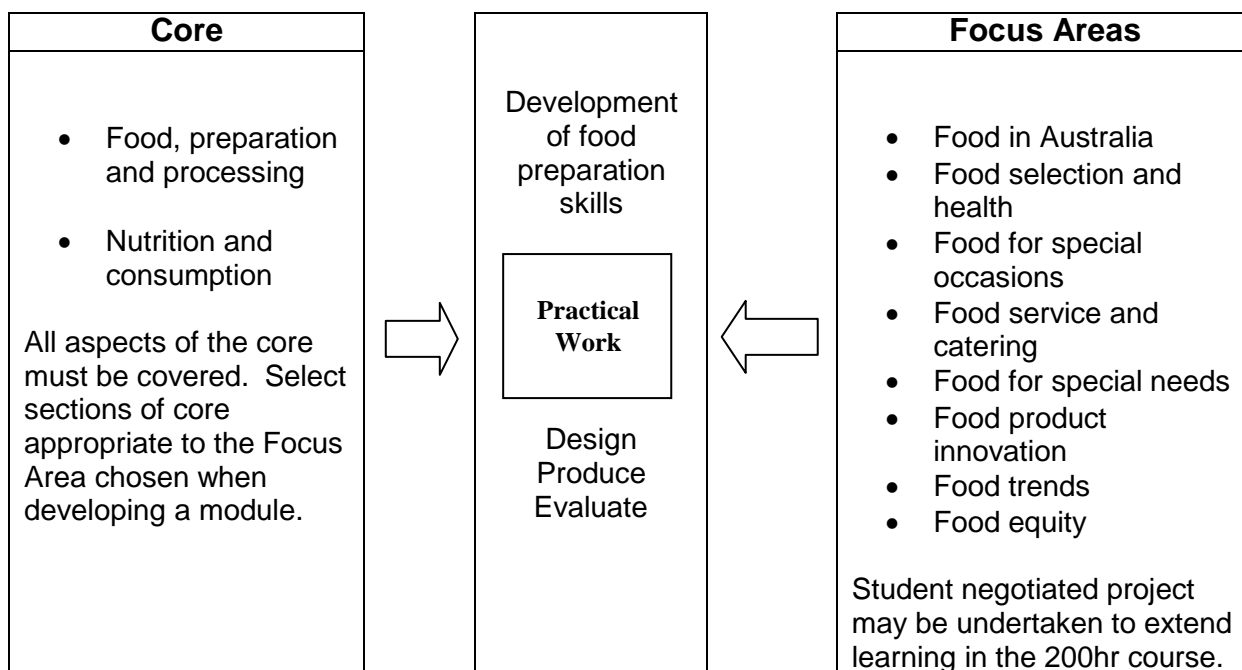
### COURSE INFORMATION

#### Why Food Technology?

- ◆ Students become educated consumers of food and food products, enabling them to make informed food decisions for a healthy lifestyle.
- ◆ Practical opportunities give students skills to prepare and present food that gives them the confidence to explore the pleasure and variety that food adds to life.
- ◆ Students are given means to study food issues that are important to their well-being.



It is mandatory for students participating in Food Technology practical classes to have a clean white apron, sturdy shoes, hair tied back and no nail polish or jewellery.



#### HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE:

Assessment is ongoing throughout each semester and will include at least

- Research Assessments
- Practical Assessments
- Practical Work
- Unit Tests and Exams

**RELATED SENIOR COURSES:** Food Technology & VET Hospitality – courses are available as HSC courses.

COURSE: <b>French</b>		KLA: <b>Languages</b>
COURSE COSTS: Nil	CONTACT PERSON: <b>Mrs Lancaster</b>	COURSE TYPE: <b>NESA</b> <b>(available over 2 years)</b>

**Gain the competitive edge! Study a language!**

### Course Requirement

It would be to a student's advantage to have studied French in Year 8 but everyone is welcome!



### Why study French?

- French is the language of art, fashion, food, the Olympic games and romance, just to name a few!
- French is a useful language for travel AND employment!
- French is an international language! It is spoken in Africa, the Pacific, parts of the Middle East and Asia. French is regarded as a second language in some countries across Europe

### What will I study?

Culture and language topics, including

- meeting and greeting
- daily life
- travel
- shopping
- food of course!
- hobbies, health and sports
- French speaking countries

### How will I be assessed?

- topic tests
- research assignments

RELATED SENIOR COURSES: 2 Unit French Continuers.
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REPARATION FOR RELATED SENIOR COURSES: It is <b>essential</b> to study French in Years 9 and 10 if you wish to study 2 Unit French Continuers.
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<b>Choose your own History</b> (Elective History)		<b>KLA:HSIE</b>
<b>Course costs: may include excursion costs and guest speaker fees</b>	<b>Contact Person: HSIE Staff</b>	<b>Course type: NESA</b>

**Excursions:** While there are no mandatory excursions, it would be difficult to study History without participating in some excursions or site studies. These excursions would depend on the topics studied.

Tired of learning certain topics in History just because you have to?  
 Love studying History but just not what you are doing in class?  
 Have a special interest you want to learn more about but you just can't because there is no time in the course?  
 Then this subject is for you!

Elective History gives you an opportunity to study History for interest sake. If you enjoy learning about the past then this course is for you. This course helps you to build your problem solving skills and allows you to be further develop your independent research skills. No study of History would be complete without Historical investigation and you will have the opportunity to learn how to undertake an investigation effectively. This will help you perform better in compulsory History as well as Geography and English and in senior subjects HSIE offers.

**Course Content:**

**Topic 1: Constructing History** – Family History, Film as History, Historical Fiction, History and the Media, Creating a historical website

**Topic 2: Ancient, Medieval and Early Modern Society** – Archaeology of the Ancient World, Medieval and Early Modern Europe, Japan, China or India, a 19<sup>th</sup> Century study, a 20<sup>th</sup> Century study

**Topic 3: Thematic Studies** – Children in History, Heroes and Villains, Sport and Recreation in History, War and Peace, Slavery, Terrorism, Crime and Punishment, World Myths and Legends

COURSE: <b>Industrial Technology – BUILDING AND CONSTRUCTION</b>		KLA: <b>Technology &amp; Applied Studies</b>
COURSE COSTS: <b>\$50</b>	CONTACT PERSON: <b>Mr Youman Mr Neimiec</b>	COURSE TYPE: <b>NESA (available over 2 years)</b>

### **COURSE INFORMATION**

**Building and Construction** is a two year course for the motivated student who is interested in developing knowledge, understanding and skills in relation to the building and associated industries.

Students will be taught knowledge and skills in the use of materials, tools and techniques related to building and construction. These are enhanced and further developed through the study of specialist modules in:

- Construction and renovation
- Outdoor Structures and Landscapes

Practical projects will reflect the nature of the Building and Construction focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to building and construction-related technologies. The practical experiences will develop knowledge and skills in designing, producing and evaluating. They may include:

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

Projects will promote the sequential development of skills and reflect an increasing degree of student autonomy as they progress through the course.

How is student achievement Assessed in this course?

- Practical Projects
- Practical Folio
- Research Assignments
- Written Examination

RELATED SENIOR COURSES: Design & Technology and Industrial Technology Engineering Studies and Related VET Course (Construction and Metal& Engineering).
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PREPARATION FOR RELATED SENIOR COURSES: It may be helpful to study Technology in Years 9 and 10 if you intend studying the above course but is not essential.
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COURSE: <b>Industrial Technology – FARM MAINTENANCE</b>		KLA: <b>Technology &amp; Applied Studies</b>
COURSE COSTS: <b>\$50</b>	CONTACT PERSON: <b>Mr Youman Mr McLaughlin</b>	COURSE TYPE: <b>NESA(available over 2 years)</b>

### **COURSE INFORMATION**

**Farm Maintenance** is a two year course for the motivated student who is interested in developing knowledge, understanding and skills in relation to Farm Maintenance and associated industries.

The course will recognise and reflect State and Commonwealth legislation, regulations and standards including Workplace Health and Safety, Chemical Safety and Animal Welfare guidelines.

Practical projects will reflect the nature of Farm Maintenance and provide opportunities for students to develop specific knowledge, understanding and skills related to farm maintenance-related technologies. The practical experiences will develop knowledge and skills in designing, producing and evaluating.

They may include:

- Small structures for farm applications
- Maintenance and repair of farm appliances and equipment
- Tools and implements to assist on the farm
- Fences and gates
- Structures for containing/restraining livestock.

Projects will promote the sequential development of skills and reflect an increasing degree of student autonomy as they progress through the course.

How is student achievement Assessed in this course?

- Practical Projects
- Practical Folio
- Research Assignments
- Written Examination

RELATED SENIOR COURSES: Design & Technology and Industrial Technology Engineering Studies and Related VET Course (Construction and Metal& Engineering).
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PREPARATION FOR RELATED SENIOR COURSES: It may be helpful to study Technology in Years 9 and 10 if you intend studying the above course but is not essential.
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<b>COURSE: Industrial Technology - Metal</b>		<b>KLA: Technology &amp; Applied Studies</b>
<b>COURSE COSTS: \$65/year + material for any large job</b>	<b>CONTACT PERSON: Mr Youman Mr McLaughlin</b>	<b>COURSE TYPE: NESA (available over 2 years)</b>

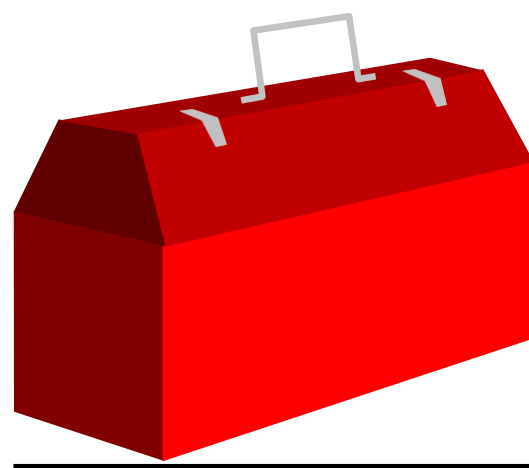
### **COURSE INFORMATION**

The Metal focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the metal and associated industries.

This elective develops knowledge and skills in the use of materials, tools and techniques related to metal, Metal Machining and Fabrication.

Practical projects develop specific knowledge, understanding and skills related to metal-related technologies. These may include: Sheet metal products, metal machining projects (Lathe work) and fabricated projects (Welding & Riveting Brazing).

Students must undertake a range of practical experiences that occupy the majority of course time. To develop knowledge and understanding of and skills in designing, producing and evaluating.



#### **Year 9 – Core Modules**

- General Metal 1 & 2

#### **Year 10 – Specialist Modules**

- Metal Machinery
- Fabrication
- VET Manufacturing Pathways – Certificate I in Manufacturing

#### **HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?**

- Practical Work
- Examinations (theory and practical)
- Student Folio/Assignments

<p><b>RELATED SENIOR COURSES:</b> Design &amp; Technology and Industrial Technology are available as HSC courses.</p>
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<p><b>PREPARATION FOR RELATED SENIOR COURSES:</b> It may be helpful to study Industrial Technology in Years 9 and 10 if you intend studying Design &amp; Technology, Industrial Technology or VET Metal Engineering in the senior school, but it is not essential.</p>
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COURSE: <b>Industrial Technology – Multimedia</b>		KLA: <b>Technology &amp; Applied Studies (Computing)</b>
COURSE COSTS: <b>\$20</b>	CONTACT PERSON: <b>Mr Bruce, Mrs Worthing or Mr Martin</b>	COURSE TYPE: <b>NESA (available over 2 years)</b>

### COURSE INFORMATION

The Multimedia focus area provides opportunities for students to develop knowledge, understanding and skills in relation to multimedia. Multimedia can be described as works featuring one or more of text, graphic, video, animation, hypermedia (web) or audio media components.



Core modules develop knowledge and skills in the use of a range of media types which are enhanced and further developed through the study of specialist modules. Students often have the option to choose the media type they wish to specialise in.

Students undertake a range of **practical experiences and projects** that occupy the majority of course time. These experiences aim to develop knowledge and understanding of and skills in designing, producing and evaluating. **Projects** may include:

- Image manipulation portfolios and posters
- Music/audio and/or video productions
- Professional desktop publishing projects such as brochures incorporating graphical and textual content
- Animation and game creation
- Web pages with interactive elements
- User interface designs for computer and phone applications



Students will gain skills in the use of industry standard software packages including:

- Adobe Photoshop
- Adobe Flash Professional
- Adobe Captivate
- Adobe Dreamweaver
- Adobe InDesign
- Adobe Acrobat Professional
- Adobe Illustrator



### HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

- Participation in practical experiences
- Examinations (theory and practical)
- Digital student portfolios

RELATED SENIOR COURSES: Industrial Technology Multimedia, IPT and Information Technology are available as HSC courses.

<b>COURSE: Industrial Technology - Timber</b>		<b>KLA: Technology &amp; Applied Studies</b>
<b>COURSE COSTS: \$65/year</b>	<b>CONTACT PERSON: Mr Youman</b>	<b>COURSE TYPE: NESA(available over 2 years)</b>

## Course Description

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

**The Timber focus area** is an interesting and challenging course for both boys and girls based on design and construction of both functional and attractive projects. This course in cabinet-making and wood machining is designed to teach students the correct use of hand tools whilst introducing the use of power tools such as the drill press, band saw, wood lathe, electric router and biscuit jointer to enable more complex projects to be constructed. Timbers used include radiata and hoop pines, Pacific maple, silky oak and Tasmanian Oak. This course is an excellent course for students who have enjoyed working with timber in years 7 & 8 and would like to follow this area of study into their HSC.

### What will students learn about?

Practical projects undertaken reflect the nature of the Timber focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to timber-related technologies.

### What will students learn to do?

**Year 9** projects include a desk organiser, magazine rack, tool boxes, stools and turned projects such as bowls and egg cups.

**Year 10** complete more complex projects such as a three-legged regency table with turned central stem, a bedside table including drawer and a pendulum wall clock with a pendulum movement.

**Course requirements:** display folder for assessment tasks / A4 workbook / pencil or clutch pencil / blue apron

<b>RELATED SENIOR COURSES:</b> Design & Technology and Industrial Technology are available as HSC courses.
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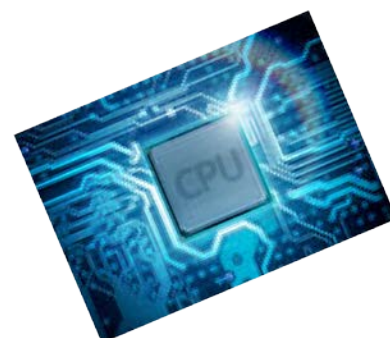
<b>PREPARATION FOR RELATED SENIOR COURSES:</b> It is an advantage to study Industrial Technology Timber in Years 9 and 10 if you intend to study Industrial Technology - Timber or Design and Technology in the senior school, but is not essential.
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<b>COURSE: Information and Software Technology</b>		<b>KLA: Computing Studies</b>
<b>COURSE COSTS: \$20 per year</b>	<b>CONTACT PERSONS: Mr Bruce Mrs Worthing Mr Martin</b>	<b>COURSE TYPE: NESA (over 2 years)</b>

## COURSE INFORMATION

This course introduces students to how computers act as problem solvers for people. It is project based learning where students develop skills and understanding through using computers and technology. Topics include:

- Hardware
- Issues
- Software
- People
- Artificial Intelligence, Simulation and Modelling
- Digital Media
- Robotics and Automated Systems
- Software development and Programming
- Authoring and Multimedia
- Networking Systems
- Internet and Website Development
- Database Design
- Past, Current and Emerging Technologies
- Data Handling
- Design, Produce and Evaluate



Students develop competence and confidence with computers and issues related to their use.



All students will be engaging with computer technology in their future workplaces and this course helps develop greater understanding of computing technology. Students are assessed through project work, assignments and exams.

**RELATED SENIOR COURSES:** Software Design and Development, Information Processes and Technology and VET Information and Digital Technology, IT Multimedia are available as HSC courses.

**PREPARATION FOR RELATED SENIOR COURSES:** It is an advantage to study Information and Software Technology in year 9 and 10 if you wish to study any of these senior subjects but it is not essential.

COURSE: <b>Marine Studies</b> <b>Beginners</b>		KLA: <b>Science</b>
COURSE COSTS: <b>\$30 year plus excursion costs</b>	CONTACT PERSON: <b>Mr Blundell</b> <b>Mr Doerner</b> <b>Ms Wood</b>	COURSE TYPE: <b>Endorsed by NESAs</b>

### **COURSE AIMS**

Marine Studies is designed to increase awareness of the oceans and river estuaries in our area. Students will gain skills and knowledge on marine environments, water safety and the influence/effect of man over the marine ecosystems. Of particular emphasis will be the study of local marine systems and how we utilise them.

### **COURSE CONTENT CAN INCLUDE:**

- Core 1 (includes mandatory pool swimming assessment)
- Fish Harvesting
- Basic Snorkelling
- Dangerous Marine Creatures
- Living Together in the Sea
- Rock Platforms

The course has an anticipated large practical component that requires water competence and excursions to marine environments. The excursions will form an **essential** part of the course. Do not take the course if you have difficulties in the water or you are not prepared to participate in the excursions.

### **HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?**

Assessment in Marine Studies will be by:

- Practical Reports
- Class Tests
- Practical Skills/Water Safety
- In class presentations
- Assignments



RELATED SENIOR COURSES: Marine Studies in Years 11 and 12.
PREPARATION FOR RELATED SENIOR COURSES: It may be helpful to study Marine Studies in Years 9 and 10 but it is NOT a requirement.

<b>COURSE: Mathematics Extension 1 (HSC)</b>		<b>KLA: Mathematics</b>
<b>COURSE COSTS:</b> <b>none</b>	<b>CONTACT PERSON:</b> <b>Mrs O'Connor</b> <b>Mr Johnstone</b>	<b>COURSE TYPE: NESA (HSC)</b>

### **COURSE INFORMATION**

**HSC Mathematics Extension 1** is a two year course that is normally studied by the very best mathematicians during Year 11 and Year 12. Students choosing this elective will have the opportunity to start their Mathematics Extension 1 studies in Year 10, with the aim of completing HSC Mathematics Extension 1 in Year 11. As this course requires high level mathematics skills, it is only available to those presently in Mrs O'Connor's Year 9 class.

HSC Mathematics Extension 1 is normally a course studied in conjunction with HSC Mathematics. It is expected that students who wish to complete Mathematics Extension 1 in Year 11 should also choose Mathematics in Year 11.

During the course, students will study Functions, Probability, Trigonometry and Calculus. Taking this elective will enhance the students logical, communication and numeracy skills.

Universities particularly value applications from students who have studied the Mathematics Extension courses, particularly if the student is applying for courses related to Mathematics, Computing, Science or Engineering. SGHS has a long record of success in Mathematics Extension 1 and 2 and these students have gone on to achieve excellent results at the most prestigious universities.

<b>RELATED SENIOR COURSES: Mathematics and Mathematics Extension 2</b>
<b>PREPARATION FOR RELATED SENIOR COURSES: Students must be in Mrs O'Connor's Year 9 Mathematics class.</b>

<b>Money, Money, Money (Commerce)</b>		<b>KLA: HSIE</b>
<b>Course Costs: may include excursions costs and fees for guest speakers</b>	<b>Contact Person: HSIE Staff</b>	<b>Course Type: NESAs</b>

**Excursions are expected to take place throughout the course.** These may include a retail excursion to Robina and Harbourside (QLD), Local Court, small businesses in Grafton.

Choose this course to learn practical skills for life. It's all about:

- How to spend and save money – making your \$ work 4 U
- How not to get ripped off
- How to buy things Online safely
- Learn about advertising and buying on impulse
- How to get a job (full time or part time)
- How to buy a car
- How to prepare for moving out of home
- How to plan a holiday
- Learn about your rights and responsibilities as a citizen
- How does our legal system protect you

Money, Money, Money will provide students with the knowledge and skills to make informed decisions in the modern world of finance, employment, business and the law. They will gain skills, which will benefit them in the future. They gain practical skills for life.

**Course content:**

**Choice of 2:**

Consumer Choice

Law and Society

Personal Finance

Employment

**Choice of 3:**

Promoting and Selling

E-Commerce

Travel

Towards Independence

Law in Action

Running a Business

Community Participation

Political Involvement

COURSE: <b>Music</b>		KLA: <b>Creative &amp; Performing Arts</b>
COURSE COSTS: <b>\$15/year + \$40 per semester instrument hire where necessary</b>	CONTACT PERSON: <b>Mr Neill</b>	COURSE TYPE: <b>NESA (available over 2 years)</b>

### COURSE INFORMATION

The course is of two years' duration and focuses on students increasing their overall involvement in and understanding of music. This is achieved through students gaining practical experience of performance, composition and listening to music.

Students will be able to experience a broad range of musical styles from various times and cultures. All students will gain increased skills in keyboard, guitar, bass and drums. Students will be encouraged to gain the broadest range of musical experiences the school and wider community can provide with an emphasis on developing their skill sin performance on band, orchestral and other instruments, as well as solo and ensemble singing.

### HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

Both Year 9 and Year 10 are assessed as follows:

	Year 9	Year 10
• Performance	40%	40%
• Composition	30%	30%
• Essay/discussion (viva voce)	20%	25%
• Aural tasks	30%	30%



RELATED SENIOR COURSES: 2 Unit Music 1 is available as a HSC course.

PREPARATION FOR RELATED SENIOR COURSES:

It is **desirable** to study Music in Years 9 and 10 if you wish to study senior Music.

<b>COURSE: Photographic and Digital Media</b>		<b>KLA: Creative &amp; Performing Arts</b>
<b>COURSE COSTS: \$70/year</b>	<b>CONTACT PERSON: Mr Neill Ms Vogt</b>	<b>COURSE TYPE: NESA approved (available over 2 years)</b>

**ANTICIPATED EXCURSIONS AND APPROXIMATE COST:**

Year 9: A field trip in the local area - approx. \$15  
Year 10: A field trip in the local area - approx \$15



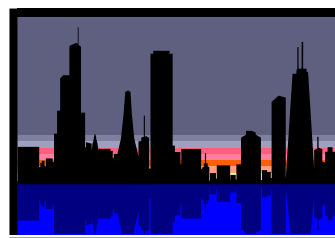
This course aims to provide interested students with the fundamentals of all aspects of wet and digital photography.

**OUTLINE OF COURSE CONTENT:**

The two years of study includes:

- |                               |   |
|-------------------------------|---|
| Pinhole camera                | Manipulation processes and the negative image |
| Depth of field                | Kaleidoscope and solarization                 |
| History of photo              | Texture and lith film                         |
| The darkroom                  | Photographic styles                           |
| Darkroom theory               | Bas relief toning                             |
| Introduction to digital media | Manipulation of digital images                |

The course is mainly of a practical nature, however there are important sections of theory and research. Students will need a book or folder for theory and may also choose to buy a black page art book to display their photos. Having a camera at home makes homework easier, though it is not essential to own your own camera.



During the course students will be using cameras, darkroom equipment and chemicals, which require a responsible and careful approach.

**HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?**

For school reporting all ten units are equally weighted. For school certificate grading:

Year 9	History of Photography	20%
	The Darkroom set of 6 photos	30%
Year 10	Modules 6-9 Set of Photos	30%
	A modern photographer	<u>20%</u>
		100%

**RELATED SENIOR COURSES:** Visual Arts is available as a HSC course. Also Photography, Video and Digital Imaging and Visual Design available as Content Endorsed Course.

**PREPARATION FOR RELATED SENIOR COURSES:** It may be helpful to study Photography in Years 9 and 10 if you intend studying Visual Arts in the senior school, but it is not essential.



COURSE: <b>Sport Science</b>		KLA: <b>PHDPE</b>
COURSE COSTS:  <b>Nil</b>	CONTACT PERSON: <b>Mr G Smith</b>	COURSE TYPE: <b>NESA approved (available over 2 years)</b>

**ANTICIPATED EXCURSIONS AND APPROXIMATE COST:**

This course will provide a good basis for study in PD/HPE, VET Sports Coaching and Lifestyle & Recreation for the Higher School Certificate. The possibility of a Sport & Rec Camp (approximate cost \$300 - \$400), Local excursions related to the options chosen will be scheduled at minimal costs. Students will be required to wear correct sports uniform during all practical lessons.

**COURSE INFORMATION**

This course is for students who wish to build on the knowledge and skills gained in 7-10 PD/Health and PE lessons. There are theoretical and practical components that relate to our lifestyle and investigate the effect of technology on sport and sports performance. This course will development a students, skills and understanding of fundamental movement skills, science in sport as well as regularly engaging in the benefits and enjoyment that Sport and Physical Activity brings.

Students are expected to wear SGHS PE Uniform to all practical lessons.

This 200 hour course is made up of 40 hours of core modules and 160 hours of options. Students are able to specialise in areas of interest, enhancing skills and fitness levels through participation. It is intended that students will recognise the importance of physical activity in a healthy lifestyle.

**Core modules (40 hours):**

- Structure & function of the human body
- Science of movement
- Sport in Australia

**Optional modules (160 hours):**

- Technology in exercise and sport
- Sports event management
- Fitness assessment
- Outdoor Education & Camp (biannually)
- Preparing for sports performance
- In-depth study of a sport
- Leadership
- The Olympics
- Sport groups with special needs
- Sports issues
- The fitness industry
- Performance appraisal
- Sports coaching

**HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?**

Each unit of work is assessed. Practical components have a movement assessment involved - **weighting is towards the practical component of this course.**

RELATED SENIOR COURSES: Personal Development/Health and Sport, Lifestyle & Recreation are available as a HSC courses.

**PREPARATION FOR RELATED SENIOR COURSES:**

It may be helpful to study Elective Physical Education in Years 9 and 10 if you intend studying Personal Development/Health or Sport Lifestyle & Recreation in the senior school but it is NOT essential.

COURSE: <b>Textile Technology</b>		KLA: <b>Technology &amp; Applied Studies</b>
COURSE COSTS: <b>\$40/year - students provide own fabrics / patterns</b>	CONTACT PERSON: <b>Mrs Fraser/ Mrs Wood</b>	COURSE TYPE: <b>NESA- 100 Hours</b>

### COURSE INFORMATION

Why do Textiles and Design?

If you have a flair for fashion or a creative streak and like working with textiles.



Students can study a range of creative and interesting topics including:

Costume – masks, folk costumes, fancy costume, dance costume.

Non Apparel – toys, bags, book cover, tents.

Furnishing – cushions, curtains, lampshades, quilts, beanbags, bed linen.

Apparel – hats, belts, jewellery, shoes.

Textile Arts – embroidery, knitting, crochet, wall hangings, beadwork.

The course enables students to use a range of textile products suited to their projects. They will develop an understanding of properties and performances of specific fibres/yarns/fabrics.

Students can negotiate an independent project from a focus area of interest at any time during the course

### HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

- Folio work
- Practical Activities and Projects
- Research Assessments
- Unit Tests and Exams



**RELATED SENIOR COURSES:** Design and Technology and Textiles and Design are available as a HSC course.

**PREPARATION FOR RELATED SENIOR COURSES:** It may be helpful to study Textile Technology in Years 9 and 10 if you intend studying Textiles and Design or Design and Technology in the senior school, but it is NOT essential.

COURSE: <b>Visual Design/Ceramics</b>		KLA: <b>Creating &amp; Performing Arts</b>
COURSE COSTS: <b>\$70 per year</b>	CONTACT PERSON: <b>Ms Vogt</b>	COURSE TYPE: <b>NESA(available over 2 years)</b>

#### ANTICIPATED EXTRA COSTS

Nil

#### COURSE INFORMATION

This course aims to make you an independent maker of artwork, by learning techniques and looking at artworks from other times and places.

#### What types of design will be emphasised:

- Ceramics – Slip Cast Production Ware
- Jewellery – Wire, Beading and Resin
- Cartooning
- Illustration

The emphasis will be on designing and making practical and usable items.



RELATED SENIOR COURSES: Visual Arts – HSC. Visual Design Content Endorsed Course
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PREPARATION FOR RELATED SENIOR COURSES: It is a definite advantage to study Visual Design in years 9 and 10 but it is not essential.
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# South Grafton High School

YEAR 9, 2020 - SUBJECT SELECTION SHEET

**DUE Wednesday 14<sup>th</sup> August**

**COMPULSORY COURSES:**

- |             |                                    |
|-------------|------------------------------------|
| English     | Geography                          |
| Science     | History                            |
| Mathematics | Personal Development and Health/PE |

**THREE YEAR 9 ELECTIVE COURSES (Choose 6 IN ORDER OF PREFERENCE: 3 will be given depending on availability)**

<b>COURSES FROM WHICH YOU MAY CHOOSE:</b>		
<ul style="list-style-type: none"> <li>• Aboriginal Culture</li> <li>• Agriculture</li> <li>• Art</li> <li>• Child Studies</li> <li>• Dance</li> <li>• Design &amp; Technology</li> <li>• Food Technology</li> <li>• French</li> <li>• History Elective</li> <li>• Industrial Technology-Building &amp; Construction</li> </ul>	<ul style="list-style-type: none"> <li>• Industrial Technology-Farm Maintenance</li> <li>• Industrial Technology – Metal</li> <li>• Industrial Technology – Multimedia</li> <li>• Industrial Technology – Timber</li> <li>• Information Software Technology</li> <li>• Marine Studies</li> <li>• Mathematics Extension 1 (HSC)</li> </ul>	<ul style="list-style-type: none"> <li>• Money, Money, Money (Commerce)</li> <li>• Music</li> <li>• Photography &amp; Digital</li> <li>• Sport Science</li> <li>• Textiles Technology</li> <li>• Visual Design/ Ceramics</li> </ul>

Details on how to access the online subject selection program will be emailed to all year 8 students at South Grafton High School.

**Please ensure the On-Line selections are made by Wednesday 14<sup>th</sup> August**