



**STAGE 5**

**ELECTIVE** *information*

**FOR YEAR 9 & YEAR 10 2021**

*educational excellence in a country atmosphere*



## *a message from* **THE PRINCIPAL**

### *Welcome*

Stage 5 is a very important part of schooling. It gives students the flexibility to experience a range of choices, whilst preparing them for their senior years where they will ultimately choose their stage 6 pathway to the HSC.

The variety of choice presented to students at QHS is a testament to the wide variety of skills possessed by the staff. Stage 5 electives are a fantastic opportunity for students to be able to experience a variety of subjects to better prepare them for their next step, be it continued education or toward the workforce.

The electives in this booklet have been designed to specifically meet the needs of students. The variety of electives on offer allow students to choose a very unique pathway. Students will potentially be able to complete 8 electives over a 2 year period.

This booklet explains the requirements of NESA in relation to the core subjects. It is important that this information is read through and questions asked if you are unsure of any of the content.

Whilst we have listed the NESA requirements at the front of this information booklet, the NSW Department of Education requires students in NSW Public Schools to study additional hours in core areas. These additional hours are built into our curriculum. Should you wish to view the additional hours required in NSW Public Schools, please visit this site <https://education.nsw.gov.au/policy-library/associated-documents/policystandards161006.pdf>. If you require a paper copy, please contact the school.

As a school, we pride ourselves on the supportive environment we provide for students and the approachability of staff. If you have any questions, please do not hesitate to contact the school.

Please consider this booklet carefully, read through the information and make the choices which will best suit your educational pathway.

**Ian Worley**  
*Principal*

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# General Information

## 9/10 ELECTIVES

In 2021 students will choose 3 different elective subjects to undertake for the year.

### **A FULL YEAR OF STUDY IN ONE ELECTIVE SUBJECT = 100hours**

**This is timetabled as 4 x 75 minute  
periods in the fortnightly cycle**

Some subjects will only be offered as 100 hour courses only. This means students cannot choose the subject again if they have studied the course in Year 9.

Most subjects will be offered as 200 hour courses. This means that students can select the same course both in Year 9 and in Year 10, offering more content and depth across both of the years studied.

The range of subjects offered in 2021 have been carefully chosen to give all students a vast range of experiences and knowledge across a multitude of content areas. They have also been selected to closely reflect courses usually offered in Stage 6 (Year 11 and 12).

A major aim of this change is to better prepare students with the skills and knowledge necessary to build their capacity in determining which subjects will suit their individual requirements for their Senior Pathways Plan for the HSC.

### **WHAT STUDENTS AND PARENTS NEED TO DO**

This booklet contains a summary outline of the elective courses on offer. Students and parents are encouraged to read through the individual course information to ensure their selections meet individual need and interest.

In Week 5 of Term 3 – Students will be asked to hand in their selection sheet. Selections must be done in order of preference. Students will need to select 5 x 100 hour courses.

Why so many? This is in the event that students cannot receive their 1st and/or 2nd choice as a result of full class placement or not enough students to run the course.

Please contact the school if you have any questions regarding this process.

Mrs Emma Craswell  
Head Teacher Administration

## THE RULES OF THE RECORD OF STUDENT ACHIEVEMENT (ROSA)

The NSW Education Standards Authority (NESA) states that students must satisfy attendance regulations and complete all course regulations in the following way:

- 400 Hours of English
- 400 Hours of Mathematics
- 400 Hours of Science
- 400 Hours of Human Society and its Environment
- 100 Hours of Visual Arts
- 100 Hours of Music
- 200 Hours of Technology and Applied Studies
- 300 Hours of PDHPE
- 100 of Languages Other Than English (LOTE)

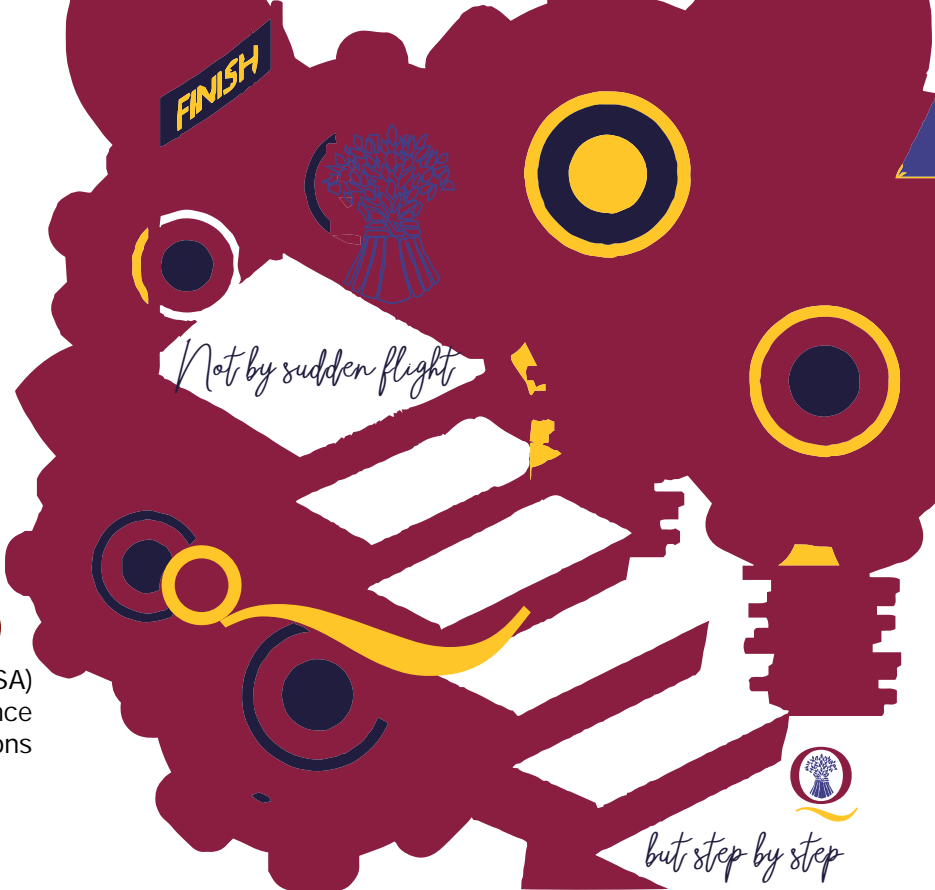
Note: The compulsory LOTE, Visual Arts, Music and Technology and Applied Studies requirements are met in Years 7 and 8. The PDHPE requirement will be met by the end of Year 10.

## ATTENDANCE

In order to complete the requirements of the courses for the RoSA Award, a student must attend school regularly. Should a student miss more than 25 days in a school year, the award of a RoSA may be withheld.

If a student has a serious illness or a chronic complaint the Principal must be notified and an alternative program of work organised. This will require notification from a doctor for documentary evidence.

In the case of students who are regular non-attendees, two warning letters will be sent to the parent/caregiver. If there is no improvement in attendance, then the student will either not progress to Year 10 or not be awarded the RoSA. There is an appeals process available and students will be made aware of this process.



## SATISFACTORY COMPLETION OF A COURSE

Students who have not been working in class, not handing in assignments or assessment tasks, performing poorly in tests, or not having an honest attempt at their work, will be given an "N" determination for that subject. An "N" determination in English, Maths, Science, Human Society and Its Environment will mean the student cannot receive a RoSA.

Parents/Caregivers of students who are not making an honest attempt will receive warning letters in time for the student to improve. Should there be no improvement, then the "N" determination will appear on the RoSA or there will be no RoSA awarded.

Teachers often send home letters to parents/caregivers expressing concern at student progress. Parents/Caregivers are urged to encourage the student to improve their efforts. Should this not happen, the next step may be an "N" determination recommendation.



## UNIFORM REQUIREMENTS

In certain areas such as the Science laboratories, Technics and Food Technology rooms there are legal requirements concerning protective clothing, including footwear. Students must have shoes with leather uppers. The school has no choice in enforcing these rules; teachers have no alternative but to ban students who fail to comply with the rules. Students who choose electives that are taught in specialist rooms should make sure they have the required have the required clothing .eg. shoes and aprons.

If a student is banned from an elective because they choose to ignore rules about uniform/clothing, that student will be placed in an alternate course at the school's discretion. The student will not get a second chance.

See next page for specific guidelines regarding TAS Footwear Policy.

There are examples of appropriate footwear displayed in each practical classroom.

## ABSENCE ON THE DAY OF SUBJECT SELECTION

It is a student's own responsibility to ensure attendance on the day of selection. If a student is absent on both the day of selection and the nominated catch up day, they are to arrange an alternate time to meet with the Head Teacher Administration and return the completed form.

## LATE SELECTION

If a form is late, students will have no automatic right to enter their first choice. They will be placed in the first available class according to their choices.

## NON SELECTION

Students who do not return forms within ONE week of the due date will be placed in any available class. Neither students nor parents will be consulted on this placement.


## CHANGING ELECTIVES

Students should think very carefully before they make elective choices. A change of electives is not always possible as some classes become full. If a student wishes to change an elective, they must wait until the designated week in Term 1 – 2020.

## CONFUSED ABOUT TERMINOLOGY

- 100 hours course - a one year course studied either in Year 9 or Year 10
- 200 hours course – course can be studied both in Year 9 and Year 10
- HSIE - Human Society and Its Environment (e.g. History, Geography, Commerce)
- CAPA - Creative and Performing Arts (Music, Drama, Art)
- TAS - Technology and Applied Studies (e.g. Food Technology, Woodwork, Design and Technology, Textiles, iSTEM)
- LOTE - Languages Other than English
- PDHPE - Personal Development Health and Physical Education





# WHAT'S YOUR IDEAL PATHWAY

## TAS footwear policy

### 1. Purpose

The TAS department at Quirindi High School adhere to strict Work, Health and Safety (WH&S Act, 2011) procedures to ensure the safety of all students, staff and visitors to our school. All students are expected to wear the correct uniform and appropriate footwear at all times in practical TAS classroom environments.

### 2. Guidelines

- 2.1 The TAS Footwear policy will be determined by the Principal, TAS Head Teacher, TAS teachers in conjunction with the school Quirindi High School Uniform Policy.
- 2.2 The TAS Footwear policy will be enforced by the Principal, Head Teacher TAS, TAS Teachers, and P & C.
- 2.3 In the event students are unable to acquire the appropriate footwear, the school can provide such items upon request to TAS Head Teacher and/or TAS Teachers.
- 2.4 Information regarding the standard of footwear and consequences must be provided to parents regularly to ensure their understanding of this policy. This will be achieved through publication in the yearly student elective choices booklet, each term in the school newsletter and documented on the school website.

### 3. School Procedures

- 3.1 This policy is aligned to the Quirindi High School Uniform Policy with explicit instructions specifically related to the Technology and Applied Studies key learning areas.
- 3.2 Parents will receive a copy of the TAS faculty policy at the beginning of each term.
- 3.3 Students will receive explicit instructions regarding appropriate footwear as part of their WH&S induction into each TAS subject.

3.4 If students fail to wear appropriate footwear for a practical lesson due to an emergency situation, a pair of appropriate emergency shoes will be available for students to wear during the lesson.

3.5 If a student fails to comply with wearing shoes provided for them for 2 consecutive practical lessons, the student will be referred to the Welfare/LST by their TAS teacher due to the inability for a student to participate in practical lesson; which will affect learning outcomes for the course.

3.6 Upon referral contact will be made to parents by the TAS Head Teacher to determine if assistance is required for the acquisition of appropriate footwear for practical lessons. The outcome of this parental contact will be communicated through the referral notification.

3.7 If a student continues to refuse to wear appropriate footwear for practical classes, they will be referred to the Head Teacher TAS for further action aligned to the school's Disciplinary procedures.

3.8 The TAS Footwear Policy will be available for staff to access on the shared staff-TAS folder.

3.9 The TAS Footwear Policy will be available for parents to access on the schools website.

*N. Cowan*

TAS Head Teacher/VET Co-ordinator

*I. Worley*

Principal

17/03/15

Additional appropriate footwear for TAS to School Uniform Policy.

## **COURSE SELECTION – STUDENT PERSPECTIVE**

- You need to start thinking about career directions now.
- Although most senior subjects do not require you to have completed the junior course, it is helpful to have a background in subjects you are considering.
- Read details of each course carefully so that your choice becomes an informed one.
- A choice now is not binding, and there may be changes to what is offered. While Quirindi High will do its best to accommodate student choices, courses are subject to student numbers and timetable constraints.

## **WHY SUBJECT CHOICES ARE IMPORTANT FOR YOU**

- The subjects you do at school can often determine the type of career path you follow.
- Doing subjects that you like makes the study of these subjects more interesting.
- Everyone is good at something! Doing subjects you are good at often makes your life more rewarding.
- All elective courses require effort in class work, homework and study. There are NO easy courses.
- Your subject choices should be made with your own interests in mind. Beware of choosing subjects based on friends, teachers, excursions or rumours.





# WHO CAN HELP AND HOW?

## WHO

## HOW

### YOUR SUBJECT TEACHERS

They can tell you if you are suited to their subject.

### YOUR CAREERS ADVISER OR HEAD TEACHER

He/She can tell you what subjects (if any) are required for a particular career.

### YOUR YEAR ADVISER

They can help you by talking over your ideas.

### YOUR SCHOOL COUNSELLOR

She can help you by discussing your ability to do certain subjects, study problems, or help overcome any concerns you may have.

### YOUR PARENTS

You can discuss choices with your parents. Encourage them to make an appointment or telephone any of the above people if you have differing ideas or if they need more information.

## AND FINALLY..... YOU

Do your own research.  
Use the checklist.  
Get help from the right people.  
Be confident about your decisions.

## REMEMBER

## IT'S YOUR FUTURE



# 9/10 ELECTIVE SUBJECTS 2021

## FACULTY ORGANISATION *at Quirindi High School*

YOUR  
FUTURE'S  
SO BRIGHT  
*You gotta  
wear shades*

### AGRICULTURE/ SCIENCE

MR ANDREW HARRIES

AGRICULTURE

MATHEMATICAL  
SCIENCE

PRIMARY INDUSTRIES

### HSIE

MRS KARA VALENTINE

ABORIGINAL STUDIES

COMMERCE

HISTORY

INTERNATIONAL  
STUDIES

WIDE WORLD OF  
SPORTS

### TAS

MRS NATASHA COWAN

CAFE MINIMBAH  
(HOSPITALITY)

CODING AND  
ELECTRONICS

FOOD ON TREND  
(FOOD TECHNOLOGY)

ISTEM  
(DESIGN &  
TECHNOLOGY)

METAL & ENGINEERING

MULTIMEDIA  
TECHNOLOGIES

TEXTILES & DESIGN

TIMBER TECHNOLOGIES

### PDHPE

MS JODIE ROBERTSON

PHYSICAL ACTIVITY &  
SPORT STUDIES

OUTDOOR RECREATION

### CAPA

MRS JANELLE STENNER

DANCE

DRAMA

MUSIC

VISUAL ARTS

VISUAL DESIGN &  
PHOTOGRAPHY





# FACULTY/SUBJECTS



## DANCE

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Dance
- Drama
- Physical Development, Health and Physical Education

In this subject students will be exposed to the diverse skills involved in staging a dance based performance. Students will engage in learning foundational language of dance and performance. In this course, students will explore elements of stage craft, costume design and choreography to tell a story through movement. Opportunities to participate in regional dance events such as, CAPERS, School Spectacular, Dance Festival and a variety of Eisteddfods will allow you to perform for an adoring audience.

Course Co-Ordinator: Mrs Jessie Hinsley



## DRAMA

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Drama
- English
- Dance

Lights up! Develop skills in confidence, communication and collaboration.

You will explore a variety of theatrical experiences and develop key skills and competencies required in the Entertainment Industry. You will be exposed to a wide range of theatrical traditions, performance styles and production roles. Self-confidence, motivation and self-esteem are developed through devising, workshopping, rehearsing and performing individual and collaborative works. The study of drama will engage and challenge you to maximise your individual abilities through imaginative and dramatic experiences created in cooperation with others.

Experience, improvisation, playbuilding, Shakespeare, Commedia Del'Arte, clowning, and theatrical design (costume, set and promotion). This unit also involves the performance of a play in a theatrical setting.

If you are considering studying Drama for your HSC you are advised to study Drama in Stage 5.

This is primarily a practical subject.

Course Co-Ordinator: Ms Leanne Cooper

## MUSIC

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Music
- Dance

A course where you will develop upon the work you have covered in Performance, Listening, Composition and Research is offered. You could develop your singing or instrumental skills to a very high degree. If performance is not your thing, you could focus on research or Composition, tailoring your work to best suit your interests. We will explore technology, creativity and generally develop into well-rounded musicians.

If you are considering studying Music for your HSC you are advised to study Music in Stage 5.

Course Co-ordinator: Mr Michael Turner





## VISUAL DESIGN AND PHOTOGRAPHY

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Visual Design
- Visual Arts
- Photography
- Design and Technology

The Visual Design and Photography course offers students a taste of subjects offered in Stage 6. Students will experience what is involved in the Visual Design and Photography courses which run as two separate courses for Stage 6. For stage 5 purposes the two courses are combined in 2020.

Photography allows students to develop their traditional and digital photography skills. Students will experiment with techniques and styles to create photographs through various mediums. Our photographs will then be edited through Photoshop or traditional drawing and hand painting techniques. Throughout the course students will develop a photography portfolio that showcases their new skills.

In Visual Design students experiment in their visual diaries to develop their mark making skills. Students experiment with a variety of media to create visual narratives and art works based on their experiences and interests. Students learn to inform their own design work through study of designed images and objects made by others.

Course Co-Ordinator: Mr Adam Field

## VISUAL ARTS

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Visual Arts
- Visual Design
- Design and Technology
- Textiles

The Visual Arts Year 9/10 elective course offers students an exciting opportunity to experience and master a wide variety of art forms like painting, printmaking, sculpture and photography. Visual Arts develops a student's creativity, intellectual and practical autonomy, reflective action, critical judgement and understanding.

The skills and knowledge taught and the values formed in Visual Arts will benefit those seeking a future in art and design-related industries. Visual Arts will prepare students for vocational fields such as illustration, web design, game design, costume design and professional photography. Students with a background in Visual Arts may have an advantage in other curriculum areas such as History and English.

Students will have the opportunity in Art Practice to explore: painting, drawing, sculpture, printmaking, ceramics, cartooning, studio photography, digital imaging, alternative photography and applied design.

If you are considering studying Visual Arts for your HSC you are advised to study Visual Arts in Stage 5.

Course Co-ordinator: Mr Adam Field



## ABORIGINAL STUDIES

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Aboriginal Studies
- Legal Studies
- Business Studies
- Ancient History
- Modern History
- Geography

Everything about Aboriginal culture in Australia. The course suits anyone interested in learning more about Aboriginal culture, indigenous and non-indigenous. The program will involve forging stronger links with the local community and would involve visiting those communities.

Course Co-Ordinator: Mrs Kara Valentine

## COMMERCE

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Business Studies
- Economics
- Legal Studies
- Society and Culture

Planning on running your own business in the future? This course will go through the financial, operational, marketing and human resource functions of business, allowing students the opportunity to run their own business here at school,

Learn about how the Australian legal and political systems work and how they impact you in your everyday life. This course will cover how laws are made; what happens in a courtroom; current legal issues and political parties.

Course Co-Ordinator: Mrs Kara Valentine

## ELECTIVE HISTORY

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Modern History
- Ancient History
- Society & Culture

This course will involve everything you love about History; the mystery, the intrigue, the investigation and the interesting and sometimes gruesome facts. This subject is for those students with a passion for History and follows a pattern of study that is not so locked in stone as the standard History course. It also allows students to pursue a personal interest topic.

Course Co-Ordinator: Mrs Kara Valentine



# INTERNATIONAL STUDIES

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

## LINKS TO SENIOR SUBJECT PATHWAYS

- Society and Culture
- Geography
- Modern History
- Ancient History

Travel the world without leaving the classroom. This course will develop an in-depth understanding of countries and cultures around the world. Taste the food, listen to the music and feel the culture of countries very different to our own. This is a contemporary look at how people in other countries live.

Course Co-Ordinator: Mrs Kara Valentine



# WIDE WORLD OF SPORTS

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

## LINKS TO SENIOR SUBJECT PATHWAYS

- Society and Culture
- Business Studies
- History
- Legal Studies

Sport is a religion in Australia and across the world and through sport we can learn a lot about the world we live in. This course will use sport to investigate social, historical, legal and economic aspects of Australia and the world.

Topics might include:

- Racism in Sport
- The Culture of Rugby League
- The Business of Cricket
- Sport and the Cold War
- Sport and Terrorism
- Sport Scandals and Cheats
- History of the Olympics
- Culture of Sport Violence
- Aboriginal People and Sport
- Surf culture
- Sport in film
- Motor Sports Culture

Course Co-Ordinator: Mrs Kara Valentine









## OUTDOOR RECREATION

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Course is roughly 75% practical - similar to the Sport, Lifestyle and Recreation course offered in Year 11/12
- More suited to students that are not following the academic pathway (i.e. not interested in tertiary study)

Course Outline: Outdoor recreation is enjoyable for all ages and is a great way to get outside and enjoy your natural surroundings whilst being physically active.

The physical and mental benefits of outdoor recreation are numerous including; improved motivation and sleep, socialisation skills, improved fitness and reduced anxiety and stress. More importantly students in this course will be provided with opportunities to develop their skills and knowledge in a range of outdoor recreation activities. Student development will focus on an appreciation for the benefits offered by a number of recreational pursuits that meet a wide variety of needs, interests and abilities.

The following is a list of planned units performed over a two year cycle:

- Survival skills in the wild
- Camping
- Bush walking
- Orienteering
- Initiative games
- First Aid/Bush Medicine
- Indigenous Games
- Archery
- Fishing
- Nutrition

(Please note; these may be subject to change depending on class size and availability of resources at the time)

Course Co-ordinator: Mr Cody Beresford

## PHYSICAL ACTIVITY AND SPORT STUDIES

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Content is similar to concepts studied in the Personal Development Health and Physical Education Course in Year 11 and 12
- Course is 50% practical and 50% theory
- Suitable for students possibly following an academic pathway and interested in tertiary studies

Course Outline: The aim of the Physical Activity and Sports Studies is to enhance students' capacity to participate effectively in physical activity and sport, leading to improved quality of life for themselves and others. Participation in regular physical activity is essential to improving health status and quality of life. This course promotes the concept of learning through movement. Many aspects of the course can be explored through participation in selected movement applications in which students experience, examine, analyse and apply new understanding. Students are encouraged to specialise and study areas in depth, focusing on issues of interest related to the physical, emotional, social, cultural or scientific dimensions of physical activity and sport.

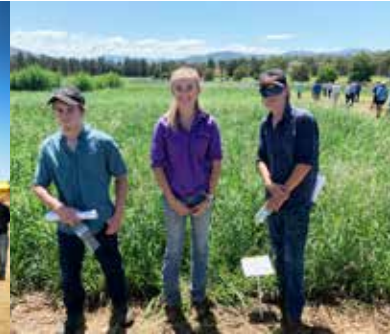
The following is a list of planned units performed over a two year cycle; Yearly Course Outline (1)

- Physical Activity for Health
- Nutrition
- Australia's Sporting Identity
- Technology, Participation and Performance
- Physical Fitness

### Yearly Course Outline (2)

- Body Systems and Energy for Physical Activity
- Event Management
- Physical Fitness Enhancing Performance
- Coaching
- Opportunities and Pathways in Physical Activity and Sport
- Physical Activity and Sport for Specific Groups

Course Co-ordinator: Mr Greg Chambers



## AGRICULTURE (UNIVERSITY PATHWAY)

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

Reasons for choosing this course:

- To create a skills base for progression to Primary Industries in year 11 and 12 and then to Tafe or employment.
- To develop skills in general farm labour
- To develop skills in communication, animal production and plant production.
- To develop skills in the safe use of machinery.

COURSE OUTLINE:

The course will be taught in modules. Four modules are covered each year. No pre-requisites are required for any course. The courses will run year about.

PROPOSED COURSES:

1st Year topics

- General Farm Practices
- Sheep production
- Vegetable production
- Show Cattle

2nd Year topics

- General Farm Practices
- Beef cattle production
- Lucerne Production
- Show Cattle

Course Co-ordinator: Mr Andrew Harries

## PRIMARY INDUSTRIES

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

LINKS TO SENIOR SUBJECT PATHWAYS

- To create a knowledge and skills base for progression to Agriculture in year 11 and 12 and then on to university.
- To develop skills in working with other people and animals
- To develop skills in communication
- To develop an appreciation of the resources of Australia

COURSE OUTLINE:

The course will be taught in modules. Four modules are covered each year. No pre-requisites are required for any course. The courses will run year about.

PROPOSED COURSES:

1st Year topics

- Soils
- Animal Production
- Agricultural Products
- Show Cattle

2nd Year topics

- Sustainable Agriculture
- Experiments
- Plant Productions
- Show Cattle

Course Co-ordinator: Mr Andrew Harries



## MATHEMATICAL SCIENCE

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Chemistry
- Physics
- Mathematics

This unit is designed to give students a deeper level of understanding of the mathematical modelling skills required for stage 6 science courses. Students will perform calculations in titrations and physical science. Students will gather data and perform mathematical modelling to make predictions of a variety of scientific phenomena.

Course Co-Ordinator: Mr Peter Roberts



## CAFE MINIMBAH (HOSPITALITY)

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Hospitality (VET)
- Food Technology

Students will gain skills in preparing and serving, non-alcoholic beverages, food presentation, workplace hygiene procedures and communication skills. Students will take part in workshops to develop their skills. The sole purpose of this unit will be for students to simulate running a small scale Cafe, learning skills behind ordering, costing, portioning, preparation, presentation and serving cakes, slices, sandwiches and beverages in Cafe Minimbah. Excursions may include local cafes, small scale restaurants and visits from industry personnel. This course will give students an introduction into Hospitality, Food and Beverage and is aimed at students wishing to pursue employment in the hospitality industry.

Course Co-Ordinator: Mrs Natasha Cowan

## CODING AND ELECTRONICS (COMPUTERS)

100 Hour Course

Can only be studied in either Year 9 or Year 10

### LINKS TO SENIOR SUBJECT PATHWAYS

- Industrial Technology Multimedia
- Design and Technology

This course will comprise of the fundamentals of code, why coding matters and coding in the 21st century, computational thinking and algorithms. Students will gain experience with various different coding languages like Javascript, Visual Basic, Python and C++. They will have the opportunity to apply their skills in a practical settings to develop their own computer games, animations and apps. They will be using Microsoft Visual Studio, Minecraft Coding, Unity, along with other software packages to create these programs

Working with digital technologies provides students with opportunities to investigate existing technologies and create their own unique digital solutions.

Course Co-Ordinator: Mrs Natasha Cowan





## ISTEM (DESIGN AND TECHNOLOGY)

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Design and Technology
- Engineering
- Physics
- Mathematics (& Extension)
- Multimedia

This course will expose students to various iSTEM related learning experiences. Students will work to enhance their skills in the use of IT to learn about physics, aerodynamics, design, manufacture, branding, graphics, sponsorship, marketing, leadership/teamwork, media skills and financial strategy, and apply them in a practical, imaginative, competitive and exciting way. Students will explore topics related to Robotics, Laser Cutting, 3D Modelling and CAD design, 3D Printing and the Rocketman Challenge. These elements will incorporate a range of technologies including: Lego Robotics, Minecraft, Sphero Balls, Maya (3D modelling software) and Autodesk Inventor. They will use these and a range of other cutting edge technologies to create solutions to real world problems and needs. This course would suit students who are interested in Science, Technology, Engineering and Mathematics.

Course Co-Ordinator: Mrs Natasha Cowan

## FOOD ON TREND (FOOD TECHNOLOGY)

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Food Technology
- Hospitality

We will look at food plating, styling, food photography, super foods, trending foods/diets and the health benefits of these to the individual. As a class we will experiment with new ingredients and food trends, explore new food products, grow our own micro herbs/ingredients. Excursions may include farm visits, restaurants and whole food industries. There will also be a focus on making back to basic whole food products including pasta, bread and cheese making.

Course Co-Ordinator: Mrs Natasha Cowan



## METAL AND ENGINEERING

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Metal & Engineering (VET)
- Industrial Technology Metal

This Metal course will involve students learning basic knowledge and skills in the Metal and Engineering industry. Students will participate in designing, planning, drawing, producing and evaluating projects made from metal. Students will develop their skills in cutting and shaping steel, and joining methods. These include riveting, soldering, brazing, stick welding and MIG welding. Students will develop confidence in the safe and productive use of gas equipment, lathe, drill press and other machines. Students will be given the opportunity to become competent and safe in the use of hand and power tools and other equipment.

Course Co-Ordinator: Mrs Natasha Cowan



## MULTIMEDIA TECHNOLOGIES

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Industrial Technology Multimedia
- Design and Technology

This course will expose students to a wide variety of multimedia technologies that will enable them to produce their own unique productions using a hands on practical approach. Students learn about creating their own multimedia productions that may include animations, digital art, video with special effects (such as smoke, green screens etc.) and 3D modelling. The students will be using industry standard software packages like Autodesk Maya and the Adobe Suite that includes After Effects, Premiere Pro, Photoshop and Animate. This course is aimed at students wishing to improve their skills in creating video or other multimedia content and preparing students for the Stage 6 Industrial Technology Multimedia course.

Course Co-Ordinator: Mrs Natasha Cowan







## TEXTILES AND DESIGN

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Textiles and Design
- Design and technology

Students will participate in the design, production and evaluation of projects. Students will gain knowledge of sources of inspiration, elements of design and factors affecting design. Students will develop skills in using a commercial pattern, appropriate choice of fabrics and construction techniques. Students will be involved in a variety of decorative and colouration techniques as part of experimentation and project development. Students will develop design portfolios for each project, as part of preparing their knowledge and understanding for design portfolio production in the Stage 6 Textiles & Design course.

Course Co-Ordinator: Mrs Natasha Cowan



## TIMBER TECHNOLOGIES

100 Hours or 200 hours

100 hours or 200 hours (1 year or 2 years)

### LINKS TO SENIOR SUBJECT PATHWAYS

- Industrial Technology Timber
- Construction

This course will introduce you to various Woodworking skills including, the design process, how to measure and mark out timber, design drawing, the selection and use of appropriate abrasive papers, how to apply a range of finishes, how to develop a project portfolio, joinery and construction techniques. Students will also develop an understanding of the importance of work, health and safety in the workshop.

Course Co-Ordinator: Mrs Natasha Cowan



TAS

Technological & Applied Studies



*At Quirindi High School we strive to ignite and enhance every student's potential.*

*We believe, what happens in classrooms today impacts on what happens in the world tomorrow.*

*Our goal is to help students flourish in every aspect of their lives and we see our school as a safe meeting place for students to interact with people who will change their lives for the better.*

*We also strive to offer our students opportunities dedicated to enabling them the realisation of their goals and encourage resilience and personal growth.*

## QUIRINDI HIGH SCHOOL

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