Year 9
Subject Selection Handbook
2017
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</table>
MESSAGE FROM THE PRINCIPAL

Our junior secondary curriculum is designed to provide students with a broad general education. As students progress from Years 7 to 10 they will develop interests and skills, which will assist them in identifying specific pathways that they would like to pursue in their senior years.

This handbook outlines the core subjects every student in Year 9 will study and the elective subject selection choices available to Year 9 students. Following completion of the subject selection process, students' preferred options for electives will be analysed and a timetable and final curriculum developed for 2015. Where possible, students will be placed in their preferred subjects.

Students may not get their first choice and not all subjects will run. Subjects that do not have sufficient numbers of students applying will not run. Students who do not complete the Subject Selection Process will be placed in subjects with vacancies once all other students have been allocated places.

The information contained in this booklet will allow students to identify areas of interest in The Arts, Technology and general areas so that they can make appropriate choices, which will enable them to achieve successful outcomes.

I encourage all parents and students to take up the opportunity to discuss their choices and any question or concerns they might have with teachers, Heads of Department, the Guidance Officer and the Administration.

Leonard McKeown
Principal
# 2017 Subject Offerings

<table>
<thead>
<tr>
<th>Subject</th>
<th>Year 7 Curriculum</th>
<th>Year 8 Curriculum</th>
<th>Year 9 Curriculum</th>
</tr>
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<tbody>
<tr>
<td><strong>S U B J E C T</strong></td>
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<tr>
<td><strong>E N G L I S H</strong></td>
<td>All Year 7 students study all subjects over the course of the year. <em>Entry to specialist programs are by submission/invite.</em></td>
<td>All Year 8 students study all subjects over the course of the year. <em>Entry to specialist programs are by submission/invite.</em></td>
<td>All Year 9 students study English, Maths, Science, History, HPE and 4 elective subjects. <em>Entry to specialist programs are by submission/invite.</em></td>
</tr>
<tr>
<td><strong>L I T E R A C Y &amp; COMMUNICATION</strong></td>
<td>Literacy Groups</td>
<td>Literacy Groups</td>
<td>Literacy Groups</td>
</tr>
<tr>
<td><strong>L I T E R A C Y G R O U P S</strong></td>
<td>English FastTrack</td>
<td>English FastTrack</td>
<td>English FastTrack</td>
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<tr>
<td><strong>E N G L I S H E S T</strong></td>
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<td>English</td>
<td>English</td>
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<td><strong>E N G L I S H G T E K</strong></td>
<td>English GTEK</td>
<td>English GTEK</td>
<td>English GTEK</td>
</tr>
<tr>
<td><strong>M A T H S</strong></td>
<td>Numeracy for Life</td>
<td>Numeracy for Life</td>
<td>Numeracy for Life</td>
</tr>
<tr>
<td><strong>M A T H S F A S T T R A C K</strong></td>
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<td>Maths FastTrack</td>
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<tr>
<td><strong>M A T H S G T E K</strong></td>
<td>Maths GTEK</td>
<td>Maths GTEK</td>
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<tr>
<td><strong>S C I E N C E F A S T T R A C K</strong></td>
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<td>Science FastTrack</td>
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<tr>
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<td>Science</td>
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<tr>
<td><strong>S C I E N C E G T E K</strong></td>
<td>Science GTEK</td>
<td>Science GTEK</td>
<td>Science GTEK</td>
</tr>
<tr>
<td><strong>S O S E F A S T T R A C K</strong></td>
<td>SOSE FastTrack</td>
<td>SOSE FastTrack</td>
<td>History</td>
</tr>
<tr>
<td><strong>S O S E</strong></td>
<td>Studies of Society &amp; the Environment (SOSE)</td>
<td>Studies of Society &amp; the Environment (SOSE)</td>
<td>Geography</td>
</tr>
<tr>
<td><strong>S O S E G T E K</strong></td>
<td>SOSE GTEK</td>
<td>SOSE GTEK</td>
<td>SOSE GTEK</td>
</tr>
<tr>
<td><strong>H E A L T H &amp; P H Y S I C A L E D U C A T I O N</strong></td>
<td>Health &amp; Physical Education</td>
<td>Health &amp; Physical Education</td>
<td>Health &amp; Physical Education</td>
</tr>
<tr>
<td><strong>A T H L E T I C S C O U R S E E X T E N S I O N ( A C E )</strong></td>
<td>Athletics Course Extension (ACE)</td>
<td>Athletics Course Extension (ACE)</td>
<td>Athletics Course Extension (ACE)</td>
</tr>
<tr>
<td><strong>L O G O</strong></td>
<td>Japanese</td>
<td>Japanese</td>
<td>Japanese</td>
</tr>
<tr>
<td><strong>T E C H N O L O G Y</strong></td>
<td>Music Excellence ~ The Arts</td>
<td>Music Excellence ~ The Arts</td>
<td>Art ~ Dance ~ Drama ~ Media Studies ~ Music Excellence ~</td>
</tr>
<tr>
<td><strong>T H E A R T S</strong></td>
<td>Garden to Plate</td>
<td>Food and Textile Design</td>
<td>Food Services ~ Graphics ~ Food and Textile Design ~ Industrial Technology, Metal ~ Industrial Technology, Wood and Plastics ~ STEM ~</td>
</tr>
<tr>
<td><strong>O T H E R</strong></td>
<td>Community Access Studies</td>
<td>Community Access Studies</td>
<td>Community Access Studies</td>
</tr>
</tbody>
</table>

Creating Better Futures
# Senior Secondary

## Year 10 Curriculum
- English
- Literacy & Communication
- Literacy Groups
- English Extension
- Mathematics
- Numeracy for Life
- Mathematics Extension
- Science
- Science Extension
- History
- History Extension
- Geography
- Japanese
- Business Computing Applications
- Business Management
- Legal Studies
- Art
- Dance
- Drama
- Film TV & New Media
- Photo Imaging Studies
- Music
- Food Services
- Graphics
- Industrial Technology Studies
- Technology, Wood and Plastics
- Community Access Studies
- Early Childhood Studies

## Year 11 & 12 Tertiary Pathways Subjects
- English
- Maths A
- Maths B
- Maths C
- Literacy & Communication
- Numeracy for Life
- Science in Practice
- Biology
- Chemistry
- Physics
- Ancient History
- Geography
- Modern History
- Physical Education
- Business Management
- Legal Studies
- Film TV & New Media
- Music
- Dance in Practice
- Drama in Practice
- Media Arts in Practice
- Music in Practice
- Visual Arts in Practice

## Year 11 & 12 Options Pathway Subjects
- Literary and Communication
- English Communication
- Prevocational Maths
- Science in Practice
- Social & Community Studies
- Aqua""
COURSE OFFERINGS for YEAR 9 - 2017

In Year 9, students will study a mix of core and elective subjects. Core subjects are one year in length, except History and HPE, which are studied for one semester each. Elective subjects are one semester in length, apart from our excellence programs which are a full year.

Five (5) Core Subjects (all students study these)
- English
- Health and Physical Education (HPE)
- History
- Maths
- Science

Four (4) elective subjects, chosen in the following way:

A minimum of one elective selected from the Arts, a minimum of one elective selected from Technology and the remaining two electives selected from any area.

<table>
<thead>
<tr>
<th>The Arts</th>
<th>Technology</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
<td>Business Computing Applications</td>
<td>Geography</td>
</tr>
<tr>
<td>Dance</td>
<td>Business Management, Money and the Law</td>
<td>Japanese</td>
</tr>
<tr>
<td>Drama</td>
<td>Food Services</td>
<td>ACE</td>
</tr>
<tr>
<td>Media Studies</td>
<td>Graphics</td>
<td></td>
</tr>
<tr>
<td>Music Excellence</td>
<td>Food and Textile Design</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Industrial Technology, Metal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Industrial Technology, Wood and Plastics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEM (Science, Technology, Engineering, Maths)</td>
<td></td>
</tr>
</tbody>
</table>

In Year 9 electives are organized into subject groupings. Students select preferences within each group. Subject Selection Forms detailing subject groupings will be available at the Subject Expo and on the school website following the Subject Expo.

Excellence Programs

ACE, Music Excellence and STEM are by submission only. These programs run for the whole year and are equivalent to two (2) electives each. Students applying to study an excellence subject must still meet the minimum requirements of one Arts elective and one Technology elective. The only exception to this is where a student is accepted into Music Excellence or STEM plus ACE.

Note: Students may not get their first choice. Subjects that do not have sufficient numbers of students applying will not run.

Students with disabilities

Students enrolled in the Windaroo Valley State High School Special Education program have the opportunity to be enrolled in three subjects:
- Literacy and Communication
- Numeracy for Life
- Community Access Studies
Some Helpful Hints When Choosing Areas of Study

The following points should be taken into consideration when choosing elective areas of study for Year 9.

**Past Achievement** - A student’s past record is a good indication of future success. Subject teachers will be able to give advice in this area.

**The Nature of Subjects** - Some students enjoy subjects with a high practical workload while others may enjoy more academic subjects with higher assessment loads. Carefully read all subject descriptions and talk to subject teachers before you make a final choice.

**Aptitude/Ability** – Students should consider any special talents they might have in some areas e.g. are they good with their hands, or do they have artistic or creative abilities?

**Interests** - Success in a subject is much more likely if a student is interested in that subject. After considering all the above points, try to choose subjects in which you are most interested.

**Financial Costs** – Parents should be prepared to pay the associated costs for subjects students are considering
YEAR 9 COSTS

Costs for Year 9 are made up of several components:

- Student Resource Scheme
- Subject and specialist program levies
- Take-home Laptop Program or Bring Your Own Device (BYOD)
- Excursion and field trips
- Extra-curricular program costs (e.g. instrumental program, interschool sport, student leadership activities)

**Student Resource Scheme for 2017**

The Student Resource Scheme for 2017 will be handed out with subject selection forms and will also be available on our school website after Subject Expo. This form can be signed to say that you would like to participate in the scheme for 2017. If you do not wish to participate in the scheme, you will be responsible for providing all items listed on the Year Level Requirement List for Year 9. The approximate cost of textbooks alone for Year 9 in 2017 will be $805.00 compared to the Student Resource Scheme of $180.00. The breakdown of the $180.00 is detailed below.

Student Resource Scheme funds also allow the school to provide state of the art facilities such as our Science Centre, fully equipped Manual Arts block, Visual Arts facilities, sporting equipment, Trade Training Centre and Student Centre equipped with gym and weights.

<table>
<thead>
<tr>
<th>Breakdown of Student Resource Scheme Core Costs for Year 9</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reproduced class workbooks and worksheet and teacher-prepared material which complement and/or substitute for textbooks.</td>
<td>$36.50</td>
</tr>
<tr>
<td>Textbooks prescribed for each subject</td>
<td>$75.00</td>
</tr>
<tr>
<td>Subject Reference Material for hire/purchase (e.g. books, audio/video tapes, software, specialist equipment)</td>
<td>$42.50</td>
</tr>
<tr>
<td>Student ID Card</td>
<td>$7.80</td>
</tr>
<tr>
<td>School Year Book</td>
<td>$8.20</td>
</tr>
<tr>
<td>Student Photocopying Credit</td>
<td>$10.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$180.00</strong></td>
</tr>
</tbody>
</table>

**Take Home Laptop Program**

All year levels at Windaroo Valley State High School are given the opportunity to have the use of a personalised laptop until they leave Windaroo Valley SHS at the end of Year 12 or sooner.

Funding has been made available by the Federal and State Government for the implementation of the program, including the initial purchase of the laptops and some software features. However, ongoing servicing, maintenance and the purchase of cutting edge software and software licencing is not covered. These additional features need to be paid for by the school.

There will be a cost of $200 per year to participate in the laptop program. This needs to be paid upfront at the beginning of each year. The laptop provided to students is an Acer Aspire 1830, i3 processor, 4Gb RAM, 320Gb hard drive, which comes with access to the Telstra 3G network on a 2Gb/month plan. It also includes access to Blackboard, edStudio, edTube and software packages supplied from school.
With their personalised laptops, students are able to access these learning environments anywhere, anytime. The breakdown of costs of participating in the Take Home Laptop Program is detailed below.

<table>
<thead>
<tr>
<th>Breakdown of Take Home Laptop Program</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temporary replacement of laptop (during repairs, scheduled maintenance)</td>
<td>$50.00</td>
</tr>
<tr>
<td>Software licensing</td>
<td>$30.00</td>
</tr>
<tr>
<td>Onsite technical support</td>
<td>$70.00</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>$50.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$200.00</strong></td>
</tr>
</tbody>
</table>

Separate Information about the Take Home Laptop Program is available from the Finance Office and on the school website.

**Bring Your Own Device (BYOD)**

There will be a cost of $80.00 per year to participate in the BYOD. This needs to be paid upfront at the beginning of the year.

The breakdown of cost of participating in the program is detailed below:

<table>
<thead>
<tr>
<th>Breakdown of BYOD</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Onsite technical support</td>
<td>$15.00</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>$20.00</td>
</tr>
<tr>
<td>Network connectivity via Concierge software</td>
<td>$45.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$80.00</strong></td>
</tr>
</tbody>
</table>

**Minimum Associated Costs**

The following information is provided to assist you in calculating the costs associated with your child’s preferred subjects for Year 9. Some subjects require associated costs to be paid before acceptance in to the program as these subjects are in high demand. This will be noted on the subject page in the Subject Selection Handbook located on the school website.

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost Per Year</th>
<th>My Choices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Resource Scheme</td>
<td>$180.00</td>
<td>180.00</td>
</tr>
<tr>
<td>Take Home Laptop Program or Bring Your Own Device</td>
<td>$200.00</td>
<td></td>
</tr>
<tr>
<td>Instrumental Music Levy (if applicable)</td>
<td>$44.00</td>
<td></td>
</tr>
<tr>
<td>Instrumental Hire (if applicable)</td>
<td>$120.00</td>
<td></td>
</tr>
<tr>
<td>Chaplaincy P &amp; C Voluntary Contribution (Tax Deductible)</td>
<td>$5, $10, $15, $20 or other</td>
<td></td>
</tr>
<tr>
<td>ACE Excursions</td>
<td>$90.00 approx.</td>
<td></td>
</tr>
<tr>
<td>ACE Uniform</td>
<td>$80.00</td>
<td></td>
</tr>
<tr>
<td>Community Access Studies</td>
<td>$40.00</td>
<td></td>
</tr>
<tr>
<td>Geography – Overnight Camp</td>
<td>$75.00 approx.</td>
<td></td>
</tr>
<tr>
<td>Japanese Field Trip or Dinner</td>
<td>$15.00 approx.</td>
<td></td>
</tr>
<tr>
<td>Inter-school Sport (except Rugby)</td>
<td>$35.00 per semester</td>
<td></td>
</tr>
<tr>
<td>Interschool Sport - Rugby</td>
<td>$45.00 per semester</td>
<td></td>
</tr>
<tr>
<td>STEM Excursions</td>
<td>$50.00 approx.</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Please note: This is not an exhaustive list. Other excursions or activities that support specific curriculum outcomes may be offered throughout the year. Parents will be notified by letter about arrangements of costs of other excursions and activities.

Parents/Carers experiencing financial difficulty
Please contact the school Business Services Manager on 3804 2333 if financial hardship exists so that special arrangements can be made to meet your needs. All discussions will be held in confidence.

Refunds Policy
Refunds will not be given for excursions/sporting activities where the student decides not to go. This is to cover the cost of buses, entrance fees and participation fees which still need to be paid by the school. Refunds will be paid in circumstances where the school cancels excursions/sporting activities. Interschool sport levy will not be refunded for byes as the school is still responsible for associated costs.

Any refunds due from school activities (ie cancelled by the school) will be applied against outstanding Student Resource Scheme and/or subject levy debts for this student or his/her siblings.

Stationery/Equipment List
Students will be required to purchase the Stationery/Equipment as per the Stationery/Equipment List. These are provided to all students at the end of Term 4 and will then be available on the school website.
ACE (Athletics Course Extension)

Course Code
ACE

Contact Person
Cameron Puddey - HOD Health and Physical Education
cpudd1@eq.edu.au or 3804 2328

Course Outline
ACE is an athletics excellence program designed to enhance students’ athletic ability. Windaroo Valley SHS has a long tradition of athletic success attributed to this program. In year 9 this subject requires students to undergo an application process including a written application and fitness testing results. Participation in ACE will provide students with the following benefits:

- opportunities to develop their athletics potential to the highest level while maintaining their performance in academic subjects.
- quality coaching and feedback within the school environment.

Subject Organisation
In theory work, students study topics including athletics officiating, nutrition, goal setting, injury prevention and management.

Practical work includes use of training techniques, technique analysis, weight training, fitness training and preparation for competition.

Assessment
Assignments and training diaries are used for theory assessment, while performance criteria standards and technique assessments are used for practical work.

Prerequisites
- Preferred student participation in Year 8 ACE
- Enrolment through application only

Additional Costs
Students will participate in excursions throughout the year including an ACE training day, a coaching clinic and a beach trip. Minimum cost for these three excursions is approximately $90. ACE uniforms are available to be purchased on order at the beginning of the school year at a cost of approx. $80.

Pathways to Senior Subjects and Career Options
Sport and Recreation is a growth industry with many employment opportunities for students who wish to forge a career in this area.
ART

Subject Code        ART

Contact Person     Jade Lindon - HOD The Arts
                   jlind137@eq.edu.au or 3804 2321

Course Outline
This course seeks to develop creativity, making skills and appreciation of Visual Arts. Fine art practice is supported by an investigation of art history and contemporary art theory through an analytical approach. Art in the school curriculum contributes to general education through teaching problem solving, working with others, thinking processes and general knowledge.

Imagination can be a powerful tool and the world of the future needs people who can use their imagination to be creative, divergent problem-solvers. By studying Visual Art, students will enhance their abilities to think, create and question. They will be encouraged to interact with the world around them, communicate their own ideas and learn to appreciate those expressed by others.

Subject Organisation

Students will:
- Learn how to use the Elements and Principles of Design to create artworks using a variety of media e.g. Drawing, Painting, Printmaking, Ceramics, Sculptures, Design.
- Be encouraged to solve problems in a creative and self-expressive way.
- Develop their ability to ‘self manage’ individual tasks and collaborate with others on group tasks.
- Gain a greater awareness of their world by questioning what they see and how they interpret it.
- Learn to appreciate the artwork of others, within different cultures and throughout history.

Sample Units may include:
- Tool Kit – Basics of Art – Elements of Design
- Dream Room – Drawing and Collage
- Australian Heroes – Painting
- What’s on the table – Still life drawings and Ceramics

Assessment
- Planning and Designing artworks – Visual Diary
- Creating Artworks in specific media areas
- Art Responding and reflection tasks

Prerequisites
Nil

Additional Costs
- A4 Journal sketch book
- 2B pencil
- 4B pencil
- Artline fine liner
Pathways to Senior Subjects and Career Options
This subject is a helpful prerequisite into any of the following Senior School subjects:

- Visual Art Studies
- Graphics
- Film TV and New Media

Visual Arts education helps a student develop creative talents, competencies and skills that can be transferred to their working and recreational lives. A Visual Art education can lead to a wide range of fields such as:

- Art education
- Multimedia Design
- Fashion Design
- Graphic Design
- Animation, Advertising
- Illustration
- Jewellery Design
- Photography
- Stage and Costume Design
- Interior Design, Architecture
- Film making
- Sign-writing.

The visual Art course is designed to actively encourage students to enhance their life skills, such as personal development, social skills, self-management skills and citizenship skills.
BUSINESS COMPUTING APPLICATIONS

Subject Code  BCA

Contact Person  Scott McDonald – HOD Information Technology and Design, Business, STEM
smcdo248@eq.edu.au or 38042318

Course Outline
Business Computing Applications aims to provide students with the opportunity to improve their practical skills in a business context. Students use a variety of programs, which endeavour to prepare them for the work place.

In Year 9, students are provided with the opportunity to learn fundamental skills. In Year 10, students then move on to more advanced skills, as well as being given the opportunity to complete a Certificate I in Information, Digital Media & Technology.

Subject Organisation
Content covered in the course includes:
- Word processing – flyers, brochures, newsletters, business letters, memos, faxes, etc.
- Excel spreadsheeting – creating tables and charts, using formulas, analysis of data, etc.
- PowerPoint presentations – creating presentations, animation, transitions, slide shows, etc.
- Publisher documents – promotional documents, advertisements, banners, logos, etc.
- Computer functions – parts and processes of the computer and its peripherals
- Email and digital content
- Workplace Health and Safety

Assessment
Students are assessed using the relevant computer software for their knowledge within the subject using the A to E system.

This will be in form of:
- Assignments
- Examinations
- Portfolios

Prerequisites
Nil

Additional Costs
Nil

Pathways to Senior Subjects and Career Options
Business Computing Applications is designed to give students the necessary skills to then undertake studies in Tourism and Certificate II in Business in Years 11 and 12 (BSB20112). However, any student would benefit from gaining these relevant workplace skills, which would be applicable in any educational or working environment. Students intending to study OP or NON-OP subjects can both benefit from this course in Years 11 and 12.
BUSINESS MANAGEMENT, MONEY AND THE LAW

Subject Code  BML

Contact Person  Scott McDonald – HOD Information Technology and Design, Business, STEM
smcdo248@eq.edu.au or 38042318

Course Outline
Business Management, Money and the Law is a subject offering students an introduction to the world of commerce in relation to business organisation and management, creating wealth and creating legally informed and responsible citizens of society. This subject aims to provide students with an increased awareness of the business world, particularly in relation to the areas of finance and the law.

Subject Organisation
Content covered in the course includes:

- Business and Economic Systems foundation
- Accounting Fundamentals
- Creating and Interpreting Financial Reports
- Personal Investment and Budgeting
- Financial Planning
- Business Ethics
- Marketing
- Record Management

Students will be expected to complete homework activities.

Assessment
Assessment will take the form of manual and computerised responses, and presentations to varying audiences. Assessment techniques will include:

- Extended Response Tasks
- Objective/Short Answer Examinations
- Response to Stimulus Tasks
- Practical tasks
- Non-written Presentations (oral presentations, web-page designs, debates, etc.)
- Report Writing

Prerequisites
Nil

Additional Cost
Nil

Pathways to Senior Subjects and Career Options
This subject will provide insight into the senior subjects of:

- Legal Studies
- Business Management
- Tourism
- Certificate II in Business

Additionally, the technology skills developed through active participation in this subject will provide insight into other business subjects in Years 11 and 12.
COMMUNITY ACCESS STUDIES

Course Code  CAS

Contact Person  Debbie McConkey - Head of Special Education Services
dmcco23@eq.edu.au or 3804 2361

Course Outline
Community Access Studies is a subject for students supported through the Special Education Program. The focus of this subject are functional and life skills in the areas of work, recreation and personal living. What is taught will vary from year to year and group to group depending on needs and goals. Students may participate in a range of activities including cooking, shopping, travelling on public transport, exploring career pathways and writing resumes, participating in work experience and learning how to operate household appliance safely.

Assessment
Assessment includes portfolios of work, teacher checklists of skills and activities and photographic evidence of student participation.

Prerequisites
For a student to participate in Year 9 CAS they must be a student with a verified disability and who will work towards the Queensland Certificate of Individual Achievement (QCIA). Participation in this program of instruction must be reached with parents as part of an Individual Education Plan or Transition Plan meeting as there are implications for student's future pathways.

Additional Costs
Throughout the course, students will participate in a range of excursions and activities, which will come at an additional cost. The subject levy of $40.00 per year will cover the costs of excursions.

Pathways to Senior Subjects and Career Options
Community Access Studies is designed to provide students with the skills they need to participate in their life beyond school. Typically students who study CAS go on to employment or to study a Certificate I or II as they are not normally eligible to study at a higher level using the usual post school pathways.
DANCE

Subject Code  DAN

Contact Person  Jade Lindon - HOD The Arts
jlind137@eq.edu.au or 3804 2321

Course Outline
The study of Dance in Year 9 will have many positive benefits for students.

Dance:
• is an integral part of social, economic and artistic endeavour
• is a performance art in which the body is the medium of expression
• provides a unique way of exploring, comprehending and altering movement in terms of time, space and energy
• offers the opportunity to integrate learning in the arts, mathematics, languages, social sciences and other curriculum areas
• facilitates the acquisition and development of social, physical and intellectual skills
• enhances physical well-being and mental health
• develops the ability to communicate and express ideas, thoughts and values
• provides cultural experiences as students learn about dance from around the world including ritual, social and artistic forms of movement and expression.

Lessons will include a combination of theory and practical components across the three dance areas of choreography, performance and appreciation.

Subject Organisation
Students in Dance will cover popular dance through the eras such as the 1920's, 1950's, 1970's, 1980's and current styles. They will also explore the style of commercial dance. Lessons will include a combination of theory and practical components across the three dance areas of choreography, performance and appreciation. These three concepts of dance are explained in further detail below:

Assessment
Students will receive assessment tasks in each of the three areas of dance
• Choreography – creating movement to develop a dance routine.
• Performance – the performance of the technical skills learnt.
• Appreciation – the analysis of the dance components within a professional dance piece.
• A large component of the course aims to develop literacy through dance communication.

Prerequisites
Nil

Additional Costs
• Black leggings for girls
• Black track pants / gym pants for boys

Pathways to Senior Subjects and Career Options
Dance develops skills for further education, in the performing arts fields, and enables students to select it as an OP subject in Years 11 and 12. This prepares them for other career pathways such as an Arts degree, public relations, performer, actor, public speaker or Teacher.
DRAMA

Subject Code DRA

Contact Person Jade Lindon - HOD The Arts  
jlind137@eq.edu.au or 3804 2321

Course Outline
Drama offers a means to explore, experience and to understand our world. It serves to mediate among ideas, feelings and values, offering a medium through which they can be explored.

Drama is essentially a ‘meaning making’ subject, supporting students in their attempt to understand their world and the world around them. It is a subject, which focuses on building confidence and interpersonal skills while fostering social development and self-discipline. As such, it is a valued and valuable curriculum choice.

Drama in the school curriculum can develop students’ artistic and creative skills. It can also provide knowledge and skills that are transferable to a variety of artistic, social and work-related contexts, by developing students’ intellectual, social, physical, emotional and moral domains through learning that engages thoughts, feelings and actions.

Subject organisation
Areas of study may include:
- Elements of Drama
- Characterisation
- Improvisation
- Clowning
- Puppetry
- Scripted Performance

Assessment
- Improvisation skills and technique
- Scripted performance peer and self evaluation
- Student devised performance
- Student devised script
- Puppet making
- Student response to stimulus

Prerequisites
Nil

Additional Cost
Nil

Pathways to Senior Subjects and Career Options
This subject leads into both Drama and Drama Studies, in senior school. Improvisational skills, group work skills and confidence building are essential learning experiences in Drama. These skills are beneficial in every aspect of every occupation.
ENGLISH

Contact Person  
Pat Camacho - HOD English  
pcama1@eq.edu.au or 3804 2346

Course Outline  
English is a core subject in Year 9 where the goal is to develop and refine students’ ability to compose and to comprehend spoken and written English – fluently, appropriately, effectively and critically – for a wide range of personal and social purposes, and to refine the skills necessary for effective written and spoken communication. This year sees a continued emphasis on the acquisition of traditional grammatical skills and vocabulary knowledge to prepare students for the rigours of Years 10, 11 and 12 English.

Subject Organisation  
Students will be required to read, view, print and create texts of a variety of genres. While they will have some class time to work on their assignments, students will use time outside of school to refine, revise and complete their assessment work and homework. This will also include time to use digital resources such as The Learning Place.

Assessment  
Student performance is assessed in two categories: spoken and written. This assessment provides feedback on student achievement for listening, speaking, reading, writing and reviewing in a range of genres, under a range of conditions and for a variety of purposes and audiences.

Assessment will take the form of a selection of instruments including approximately three oral and four written across a range of genres, audiences, purposes and registers.

Student folios are moderated by the English staff to ensure comparability across the year level.

Prerequisites  
Nil

Additional Costs  
Nil

Pathways to Senior Subjects and Career Options  
Authority English is offered in Years 11 and 12. It is a prerequisite for all university courses. English Communication is the alternative to Authority English in Years 11 and 12 and provides students with the literacy and interpersonal skills necessary for the workplace and community life.

English Communication is a minimum prerequisite for many courses including TAFE and trades however, students must check with the appropriate institutions as to which English course they will require to enter the course they desire before they make final subject selection.

Students will be accepted into Authority English in Year 11 only if they have attained a B- or higher in Year 10.
FOOD AND TEXTILE DESIGN

Subject Code: FTD

Contact Person: Janine Silcox - HOD Vocational Education and Training, Food and Textile Design jsilc4@eq.edu.au or 3804 2357

Course Outline
Food and Textile Design provides opportunities for students to use their creativity and derive satisfaction from working with a wide variety of resources. The course is designed around a selection of textile and food related study and hands-on practical activities. Food and Textile Design encompass skills, knowledge and understanding, which are fundamental for effective functioning in everyday life.

Subject Organisation
Unit 1
Food and Me

Unit 2
Creating with Textiles

Assessment
Assessment focuses on continuous practical and theoretical tasks. These include independent cookery tasks, research assignments, process journals, textile projects, oral presentations and written exams.

Assessment may cover the following criteria:

<table>
<thead>
<tr>
<th>Assessable Elements</th>
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<tbody>
<tr>
<td>Knowledge and Understanding</td>
<td>Exams, Assignments</td>
</tr>
<tr>
<td>Investigation and Designing</td>
<td>Assignments, Process Journal</td>
</tr>
<tr>
<td>Producing</td>
<td>Cooking, Textile Products</td>
</tr>
<tr>
<td>Evaluation</td>
<td>Assignments, Exams</td>
</tr>
<tr>
<td>Reflection</td>
<td>Assignments, Practical Cookery</td>
</tr>
</tbody>
</table>

Prerequisites
Nil

Workplace Health and Safety Requirements
Due to Workplace Health and Safety Requirements, all students will be required to remove all jewellery have hair tied back and wear black, impervious leather lace up college style shoes with black laces (as per the school Dress Code).

Additional Costs
This is a practical subject. Students must have:
- Ingredients each week for cooking and materials for textiles.
- Containers to take their cooking home.

Pathways to Senior Subjects and Career Options
Though the focus of Food and Textile Design is on the individual living within the family, it is well recognised that sound management procedures and effective personal interaction are vitally important for those who seek employment in the following industries:
- Tourism and Hospitality
- Clothing Design
- Welfare
- Family Welfare and Counselling
- Consumer Affairs
- Child Care
- Wholesale and Retail Industries

In Year 10, Food Services is offered, leading to the authority-registered subject, Hospitality, and the Hospitality Certificate Program (SIT20213 Certificate II in Hospitality and SIT20312 Certificate II in Kitchen Operations) in Years 11 and 12. Many of the skills and knowledge from Food and Textile Design will support activities and knowledge in Early Childhood Studies which is offered in Years 10 to 12.
FOOD SERVICES

Subject Code  FSE

Contact Person  Janine Silcox - HOD Vocational Education and Training, Food and Textile Design jsilc4@eq.edu.au or 3804 2357

Course Outline
In Food Services students will be learning fundamental techniques involved in baking and cooking. The skills learnt will empower students with confidence to experiment with other recipes. This course is designed around a selection of hands on theory and practical tasks.

Subject Organisation
Unit 1 - 30 Minute Meals  Unit 2 - Bake Off

Assessment
This subject focuses on continuous practical and theoretical tasks. These include independent cookery tasks, research assignments, and written exams which utilise the ways of working and a knowledge and understanding approach to projects.

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<td>Assignments, Exams</td>
</tr>
<tr>
<td>Reflection</td>
<td>Assignments</td>
</tr>
</tbody>
</table>

Failure to provide the specialist equipment for each lesson will affect students’ overall result.

Prerequisites
Nil

Additional Costs
This is a practical subject. Students are required to supply ingredients each week for cooking and a suitable container to take the finished product home.

Workplace Health and Safety Requirements
Due to Workplace Health and Safety Requirements, all students will be required to remove all jewellery, have hair tied back and wear black, impervious leather lace up college style shoes with black laces (as per the school Dress Code).

Pathways to Senior Subjects and Career Options
Food Services focuses on students gaining sound management procedures and effective personal interaction which are vitally important for those who seek employment in the following industries:
- Tourism and Hospitality
- Consumer Affairs
- Wholesale and Retail Industries

This subject forms the background knowledge for the senior authority registered Hospitality, and the Hospitality Certificate Program (SIT20213 Certificate II in Hospitality and SIT20312 Certificate II in Kitchen Operations).
GEOGRAPHY

Subject Code  
GEG

Contact Person  
Mrs Melissa Mc Arthur - Subject Coordinator  
mmcar15@eq.edu.au or 3804 2349

Course Outline
Geography is a discipline through which people study the Earth's surface as the space in which people live. It is the integrated study of the Earth's places, peoples, societies and environments and the relationships between them. **Geography promotes investigation of the dynamics of cultures, societies and human behaviour (human geography) and environmental processes and physical landscapes (physical geography).**

Geography, as a discipline, is rapidly changing. Technological change is reflected in the geographer’s ability to map planets by satellites and use complex data processing to analyse spatial patterns. Students now have the ability to exchange data on the internet with students in distant places. **Geography recognises that the student is the focus of the learning process, so it has a strong emphasis on student inquires, critical thinking, use of technology, active involvement and real – world experience.** This is reflected in the amount of time given to fieldwork. Reflection on results of an inquiry may promote student action.

Subject Organisation
Units of study offered in the course include:
- Biomes – Rainforest Study
- Connecting people and places to the world

Assessment
A wide variety of assessment techniques are used in the subject, including, field trip reports, responses to stimulus tests, research reports, and technology based projects.

Additional Costs
- A4 exercise book 64 pages
- blue or black pens
- highlighters
- coloured pencils  
- ruler
- pencil
- eraser

Compulsory Co-Curricular Requirements:
Field trips are an integral part of the study of Geography and students are expected to participate in these as mandatory components of their course of study. One of the student assessment items relates directly to the field trip experience – an overnight camp. An additional cost will be incurred to cover this – approximately $75.00.

Pathways to Senior Subjects and Career Options
Year 9 Geography at this school is advocated as the **first year in a four course of geographical studies and development** of relevant reading, writing, research and analytical skills; culminating in the selection of Geography in Years 10, 11 and 12. Geography is considered an integral course of study in order to prepare **OP bound** students for their ongoing education.
GRAPHICS

Subject Code  
GPH

Contact Person  
Scott McDonald – HOD Information Technology and Design, Business, STEM  
smcdo248@eq.edu.au or 38042318

Course Outline  
The ability to communicate effectively is an essential requirement in every field of endeavour and often, our communication requirements are inadequately served by the written and spoken word. Drawings, sketches and rendered illustrations are often needed to enable clear and efficient communication. Graphical communication can be used to complement the spoken and written word or as total replacement of it.

Subject Organisation  
Graphics will be conducted using computer aided drawing (CAD). The AutoDesk Software has been made available free for students to download at home. Students will develop Computer Aided Drafting by working with Auto Cad and Inventor.

Assessment

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<tr>
<td>Knowledge and Understanding</td>
<td>Classwork, Tests, Assignments</td>
</tr>
<tr>
<td>Production and Processes</td>
<td>Assignments, Project work</td>
</tr>
</tbody>
</table>

Prerequisites  
Nil

Additional Costs  
Students of graphics are required to purchase drawing equipment and a USB to store CAD drawings.

Pathways to Senior Subjects and Career Options  
This subject provides insight into a number of future careers, most notably:

- Engineering  
- Architecture  
- Surveying  
- Graphic Design  
- Industrial Design  
- Graphic Art  
- CAD Operator  
- Building Trades  
- Electrical Trades  
- Engineering Trades  
- Furniture Trades

This subject will prepare students for the senior subject Industrial Graphics.
HEALTH AND PHYSICAL EDUCATION

Subject Code: HPE

Contact Person: Cameron Puddey - HOD Health and Physical Education
cpudd1@eq.edu.au or 3804 2328

Course Outline

Health and Physical Education is a core subject in Year 9. Recent research links academic achievement with physical involvement. The teaching of Human Relations Education is embedded in the Health and Physical Education curriculum.

The study of Health and Physical Education in Year 9 will have the following benefits for students:

- Development of physical skills through participating in a wide variety of sport and recreational activities.
- Development of interpersonal skills through teamwork, cooperation, leadership and communication in a sport and recreation environment.
- Awareness of and ability to make choices about factors that impact upon a healthy lifestyle.
- Awareness of the benefits of regular participation in physical activities.

Subject Organisation

Students in Health and Physical Education study a wide variety of practical and theoretical units.

Practical units include:
- Athletics
- Dance
- Soccer
- European Handball
- Fitness, Basketball
- Tennis

Theory units include:
- Fitness
- Sexuality and contraception
- First Aid
- Harm minimisation
- Exercise physiology

One lesson per week will be theory with the remaining two lessons being practical. Students are expected to complete 30 minutes per week of additional study in Health and Physical Education.

Assessment

A wide variety of assessment techniques are used in Health and Physical Education. Written tests, Research assignments, lab reports and oral presentations are assessment methods used in theory while game play and practical skill tests are used in practical based areas.

Prerequisites

Nil

Workplace Health and Safety Requirements

Due to Workplace Health and Safety Requirements, all students will be required to remove all jewellery.
Additional Costs
Nil

Pathways to Senior Subjects and Career Options
Sport and Recreation is a growth industry with many employment opportunities for students who wish to forge a career in this area.

Career opportunities include:
- Sports Coaching
- Teaching Health and Physical Education
- Exercise Science
- Sports Officiating
- Sports Management

Junior Health and Physical Education provides skills that are advantageous if students are considering it in the senior school.
HISTORY

Subject Code  HIS

Contact Person  Sean Harmer - HOD Social Science
                 sharm9@eq.edu.au or 3804 2347

Course Outline
History is a discipline through which people investigate, interpret, explain and describe changes and consequences in human affairs over time. Students of history inquire into the past, using primary and secondary sources of evidence, in order to construct and evaluate interpretations of events. Through studying history, young people learn to approach the present and the future in a creative way, characterised by critical thinking, careful reflection and well-founded decision-making.

Subject Organisation
Units of study offered in the course include:

- Australia’s Role in World War 1
- Australian Colonial History

Assessment
Assessment results are based upon a folio of work (three assessment pieces), which includes short answer tests; response to stimulus tests, research reports, and technology based projects, and extended writing tasks.

Prerequisites
Nil

Additional Costs
- A4 exercise book (96 pages)
- Ruler
- Glue Stick
- Highlighter Pens
- Coloured Pencils

Pathways to Senior Subjects and Career Options
History in Year 9 provides direction for students in terms of participating fully as active and informed citizens in Australian society.

This subject will prepare students for the following Senior Subjects (Years 11 and 12):
- Modern History
- Ancient History
- Social and Community Studies
INDUSTRIAL TECHNOLOGY & METAL

Subject Code  ITM

Contact Person  Scott McDonald – HOD Information Technology and Design, Business, STEM
                smcd0248@eq.edu.au or 38042318

Course Outline
Industrial Technology & Metal is a design-based course concerned with the interrelationships of people, materials, systems and design. It introduces practically oriented experiences (including metal fabrication and artisry), involving practical applications of mathematical and scientific principles in the everyday needs of people.

Every student, regardless of educational or vocational aspirations, needs to gain basic knowledge of traditional and conventional practice in preparation for further education, future occupations and everyday life in a technological society. The units in the Industrial Technology & Metal course are aimed at assisting students in this preparation.

Subject Organisation
Technology, Metal and Electronics is predominantly a practical subject, which utilises the Australian Curriculum Design Technologies knowledge and understanding and production and processes approach to projects.

Units for Year 9 may include:
- Forming Techniques
- Fabrication
- MetalArt

Assessment

<table>
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<tr>
<td>Knowledge and Understanding</td>
<td>Practical work, Tests, Assignments</td>
</tr>
<tr>
<td>Production and Processes</td>
<td>Practical Projects, Design Booklets,</td>
</tr>
</tbody>
</table>

Prerequisites
Nil

Workplace Health and Safety Requirements
Due to Workplace Health and Safety Requirements, all students will be required to remove all jewellery have hair tied back and wear Black, impervious leather lace up college style shoes with black laces (as per school Dress Code).

Additional Costs
Nil

Pathways to Senior Subjects and Career Options
This subject will prepare the student for study in the area of Senior Industrial Design and Technology classes. Industrial Technology & Metal provides insight into Metal Fabrication Trades and develops an awareness of safety, tools and materials handling, as well as the development of problem solving skills.
INDUSTRIAL TECHNOLOGY, WOOD & PLASTICS

Subject Code  TWP

Contact Person  Scott McDonald – HOD Information Technology and Design, Business, STEM
smcdo248@eq.edu.au or 38042318

Course Outline
Technology, Wood and Plastics is a design-based course concerned with the interrelationships of people and materials and design. It introduces practically oriented experiences (including wood and plastics), involving practical applications of mathematical and scientific principles in the everyday needs of people.

Every student, regardless of educational or vocational aspirations, needs to gain basic knowledge of traditional and conventional practice in preparation for further education, future occupations and everyday life in a technological society. The units in the Shop A course are aimed at assisting students in this preparation.

Subject Organisation
Technology, Wood and Plastics is a predominantly practical subject, which utilises the Australian Curriculum Design Technologies knowledge and understanding and production and processes approach to projects.

Units for Year 9 may include:
- Basic Construction Techniques
- Furniture Making
- Wood Turning
- Cabinet Making
- Plastic forming

Assessment

<table>
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<tbody>
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<td>Knowledge and Understanding</td>
<td>Design Booklet, Assignments, Tests</td>
</tr>
<tr>
<td>Production and Processes</td>
<td>Design Booklet, Project work</td>
</tr>
</tbody>
</table>

Prerequisites
Nil

Workplace Health and Safety Requirements
Due to Workplace Health and Safety Requirements, all students will be required to remove all jewellery have hair tied back and wear black, impervious leather lace up college style shoes with black laces (as per school Dress Code).

Additional Costs
Nil

Pathways to Senior Subjects and Career Options
This subject will prepare the student for study in the area of Senior Industrial Design and Technology classes. Technology, Wood and Plastics provides insight into Building Trades, Furnishing and Cabinet Making Trades and develops awareness of safety, tools and material handling, as well as the development of problem solving skills.
JAPANESE

Subject Code  JAP
Contact Person  Sean Harmer - HOD Social Science  sharm9@eq.edu.au or 3804 2347

Course Outline
Languages are an integral part of a general education and the importance of knowing a language other than English is recognised in the ‘National Statement for Languages Education’. Learning another language develops intellectual discipline and systematic study habits. It widens horizons and fosters cross-cultural understanding; contributing to the educational, intellectual, personal, social and cultural development of learners.

Subject Organisation
The units of study covered in the Year 9 course offer an insight into the Japanese language and culture by providing and utilising a wide range of real resources, such as Japanese timetables, newspapers and children’s manga comics. The subject runs over two terms with the following unit topics:

Term 1: My Timetable
Term 2: Weather

Students will be required to complete set homework and use time outside of class to work on assignments.

Assessment
The four-macro skills (reading, writing, listening and speaking) will be assessed in a number of ways including reading and writing exams and oral performances. A poor performance in one of the skills can affect the level of achievement at the end of the semester.

Prerequisites
Year 8 Japanese is the only pre-requisite for this subject.

Additional Costs
There may be a field trip planned or a dinner at school, which will cost $15 approximately.

Pathways to Senior Subjects and Career Options
In the global economy that we all belong to, international travel has become commonplace; as has the participation of people from a multiplicity of cultures in countries outside the one in which they were born. People travel freely to overseas destinations to work, to holiday and to be educated.

Australia, being geographically an Asian nation, is well-placed to encourage its people to learn a language such as Japanese so we can connect to and work within the region in which we live. Japanese is also offered in Year 10 from 2016 and will be available for students to continue this pathway.
LITERACY AND COMMUNICATION

Subject Code  LAC

Contact Person  Debbie McConkey - Head of Special Education Services
dmcco23@eq.edu.au  or 3804 2361

Course Outline
Literacy and Communication is an English subject for students supported through the Special Education Program who are not working to the same juncture as their year level. Typically, units in this subject are drawn from the year 3, 4 and 5 National Curriculum Syllabus documents and participation is determined by parental-school agreement through an Individual Education Plan or enrolment meeting. This subject includes a specific focus on reading (including sight words, decoding and comprehension); writing (including spelling, constructing sentences, paragraphs and responding to texts) and speaking (including understanding the spoken language and using appropriate language). Typically 4 units are covered in depth in a year, rather than the 8 units that students studying English in the mainstream complete. Students in this subject often have individual goals and teaching of these is often incorporated into these lessons.

Homework: As part of homework, students will be required to read, view, print and sometimes create media texts.

Assessment
Student performance is assessed in two categories: spoken and written. This assessment provides feedback on student achievement for listening, speaking, reading, writing and reviewing in a range of genres, under a range of conditions and for a variety of purposes and audiences. A component of assessment may also include weekly spelling tests and reading or comprehension activities.

Prerequisites
For students to participate in Literacy and Communication they must be students with a verified disability who are not working towards their year level juncture in English. Agreement for participation in this subject must be reached by both parents and school.

Additional Costs
Nil

Pathways to Senior Subjects and Career Options
Students who participate in Literacy and Communication usually continue onto study the Queensland Certificate of Individual Achievement (QCIA) in Years 11 and 12. The QCIA is a certificate made up of individual goals in a range of curriculum areas and is only suitable for students who are unable to open a learning account for the Queensland Certificate of Education by passing a semester of Authority English or English Communication. Students studying the QCIA typically go onto work or to study Certificate 1 or 2 at TAFE when they leave school, as they are usually ineligible to study at a higher level using the standard post school entry avenues. If you are unclear or unsure, please discuss this with the Special Education teachers.
MATHEMATICS

Subject Code: MAT
Contact Person: Ramon Doon - HOD Mathematics
rdoon5@eq.edu.au or 3804 2359

Course Outline
Learning mathematics enriches the lives of, and creates opportunities for all Australians. At Windaroo Valley State High School teaching of mathematics follows the Australian National Curriculum.

The Australian mathematics curriculum provides students with essential mathematical skills and knowledge in number and algebra, measurement and geometry, and statistics and probability. It develops the numeracy capabilities that all students need in their personal, work and civic life, and provides the fundamentals required of mathematics specialists and professional users of mathematics. Mathematics is a core subject in Years 9 and 10. All students in Years 9 and 10 study mathematics for the full year.

Assessment
Assessment will be by a combination of examinations and written assignment work. As well as assessing recall of knowledge, students will be required to demonstrate mathematical procedures to solve problems, and the effective use of communication and reasoning skills. Technology is an integral part of learning mathematics and there is an expectation that all students demonstrate competence in using the various forms of technology available.

Homework is seen as an essential part of the mathematics curriculum. It follows a weekly program with an expectation it will be completed by a set date.

Subject Organisation
The Australian Mathematics Curriculum is organised around the interaction of three content strands (Number and Algebra, Statistics and Probability, and Measurement and Geometry) and four proficiency strands (Understanding, Fluency, Problem Solving, and Reasoning). This approach has been adopted to ensure students’ proficiency in mathematical skills is developed throughout the curriculum and becomes increasingly sophisticated over the years of schooling.

Prerequisites
Nil

Additional Costs
- Casio fx-82AU Plus 2 scientific calculator
- geometry kit (ruler, compass, protractor, etc.)
- separate 96 page A4 grid book

There is an expectation that students will come to class with all equipment needed.

Pathways to Senior Subjects and Career Options
In 2016 this school is offering four different courses in senior mathematics studies. Some of these are leading towards university studies whilst others are designed for TAFE and vocational education.
MEDIA STUDIES

Subject Code  MED

Contact Person  Jade Lindon - HOD The Arts  
jlind137@eq.edu.au or 3804 2321

Course Outline
Throughout this course, students explore and experience the media as art through a range of cultures, times and locations. Students manipulate and create their own media art, both individually and in groups. Students explore meaning and interpretation, cultural and historical influences and consider ethical responsibilities when using technology.

Subject Organisation
Specific areas of study include basic skills in:

- Advertising
- Graphic Design
- Stop Motion Animation
- Photoshop Video
- Editing Software

Assessment
Student performance will be assessed on the ability to:

- Analyse and evaluate media conventions, cultural values and institutional influences.
- Manipulate and produce meaning through the use of media conventions.
- Explore and exploit visual conventions to develop imaginative and original ideas.
- Understand, select and manipulate functions, techniques and processes.

Prerequisites
- Basic computer literacy

Additional Costs
- USB stick (8GB)
- SD card (8GB)

Pathway to Senior Subjects and Career Options
This subject leads into Film, Television and New Media Studies in Senior School.
MUSIC EXCELLENCE

Subject Code  MUX

Contact Person  Jade Lindon - HOD The Arts
jllind137@eq.edu.au or 3804 2321

Course Outline
Music Excellence develops musicianship. Students will continue to develop music appreciation through studying a variety of musical styles and experience these through analysing, composing and performing. Students will continue to participate in instrumental instruction on a string, woodwind, brass or percussion instrument plus engage in singing.

Subject Organisation:
Students will study the following units over years 8 & 9:

- World Music
- Song writing
- Vocal Music
- School of Rock
- Popular Styles

Assessment
Students will be assessed in Musicology, Composition and Performance.

Prerequisites
Students must have completed Year 8 Music Excellence or arrange for an audition and theory test with the Head of Department for The Arts

Additional Costs
$44 Subject Levy per instrument studied plus hire of instrument fee ($120) if required – this includes a contribution towards the district music levy and cover maintenance of instruments. The cost will also provide access to sheet music, backing tracks, reeds, strings and manuscripts.

Pathways to Senior Subjects and Career Options
Music is an elective Authority subject in Years 11 and 12. It is also a prerequisite for most tertiary music courses and can be combined with other subjects for other tertiary courses. It can also lead to a lifelong love, enjoyment and participation in an art form that touches all of us. This subject leads into Senior OP Music.
NUMERACY FOR LIFE

Subject Code NFL
Contact Person Debbie McConkey - Head of Special Education Services
dmcco23@eq.edu.au or 3804 2361

Course Outline
Numeracy for Life is a Mathematics subject for students supported by the Special Education Program who are not working at the same juncture as their year level. Typically, units in this subject are drawn from the Year 3, 4 and 5 National Curriculum Syllabus documents and participation is determined by parental-school agreement through an Individual Education Plan or enrolment meeting.

This subject covers the numeracy topics in the national curriculum including number, fractions, algebra, measurement, space and geometry and includes problem solving and real life application of knowledge and skills. Typically 4 units are covered in depth in a year and the focus of teaching is hands on and interactive. Where students have individual numeracy goals as part of their Individual Education Plan, these will be incorporated and taught within this subject.

Assessment
Assessment will be a combination of examinations and written assignment work. As well as assessing recall of knowledge, students will be required to demonstrate mathematical procedures to solve problems, and the effective use of communication and reasoning skills. Technology is an integral part of learning mathematics and there is an expectation that all students demonstrate competence in using the various forms of technology available.

Prerequisites
For students to participate in Numeracy for Life they must be students with a verified disability who are not working towards their year level juncture in Mathematics. Agreement for participation in this subject must be reached by both parents and school.

Additional Costs
- calculator
- ruler
- pen
- pencil
- eraser
- A4 exercise book

There is an expectation that students will come to class with all equipment needed.

Pathways to Senior Subjects and Career Options
Students who participate in Numeracy for Life usually continue on to study the Queensland Certificate of Individual Achievement (QCIA) in Year 11 and 12. The QCIA is a certificate made up of individual goals in a range of curriculum areas and is only suitable for students who are unable to open a learning account for the Queensland Certificate of Education by passing a semester of Authority English or English Communication. Students studying the QCIA typically go onto work or to study Certificate 1 or 2 at TAFE when they leave school, as they are usually ineligible to study at a higher level using the standard post school entry avenues. If you are unclear or unsure, please discuss this with the Special Education teachers.
SCIENCE

Subject Code  SCI

Contact Person  Rodney Earl - Head Of Department Science  rearl5@eq.edu.au or 3804 2329

Course Outline

<table>
<thead>
<tr>
<th>Science Understanding</th>
<th>Science as a Human Endeavour</th>
<th>Science Inquiry Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science understanding is evident when a person selects and integrates appropriate science knowledge to explain and predict phenomena, and applies that knowledge to new situations.</td>
<td>This strand highlights the development of science as a unique way of knowing and doing, and the role of science in contemporary decision-making and problem solving.</td>
<td>This strand is concerned with evaluation claims, investigating ideas, solving problems, drawing valid conclusions and developing evidence-based arguments.</td>
</tr>
<tr>
<td><strong>Sub-strands</strong></td>
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</tr>
<tr>
<td>• Biological sciences</td>
<td>• Nature and development of science</td>
<td>• Questioning and predicting</td>
</tr>
<tr>
<td>• Chemical sciences</td>
<td>• Use and influence of science</td>
<td>• Planning and conducting</td>
</tr>
<tr>
<td>• Earth and space sciences</td>
<td></td>
<td>• Processsing and analysing data and information</td>
</tr>
<tr>
<td>• Physical science</td>
<td></td>
<td>• Evaluating</td>
</tr>
</tbody>
</table>

In class time the student will be taught using a variety of techniques including, theory lessons, experiments, discussions, projects, audio-visual and computer material.

In order to obtain the maximum advantage from these methods, students will be required to carry out a number of tasks in their own time, including:

- Maintaining their Science Notebook
- Preparing experiments
- Answering questions
- Researching and writing assignments
- Completing set homework (at least revising the content of the day’s lesson)

Assessment

Students are required to submit/sit for all assessment instruments through the year. Students will be assessed using:

- Supervised Exams
- Experimental Investigations
- Response tasks
- Informal in-class assessments

Prerequisites

Nil
Workplace Health and Safety Requirements
During practical work hair is required to be tied back, and black, impervious leather lace up college style shoes with black laces (as per school Dress Code), gloves, apron and goggles must be worn. No food and drink to be consumed in laboratories. Hands are to be washed thoroughly upon exit.

Additional Costs
- Casio fx-82AU scientific calculator
- a separate 96 page A4 exercise book (graph book available from the Finance Office is preferred)
- USB stick
- selection of stationery in pencil case including pens, pencils, rulers

There is an expectation that students will come to every class prepared with all equipment needed.

Pathways to Senior Subjects and Career Options
Year 9 science builds the foundation of skills and knowledge needed for Year 10 science. Success in years 9 and 10 Science is important for eligibility to study Year 11 and 12 Science subjects.

The study of Year 11 and 12 subjects such as Biology, Chemistry and Physics enables a smooth transition to further study and can lead to a wide variety of careers. Careers where sciences are a gateway include but are not limited to, Biotechnology, Research, Wine Making, Engineering, Technical Communications, Environmental Studies, Nursing, Dentistry, Architecture and Medicine.
STEM (Science, Technology, Engineering, Maths)

Subject Code: DIG

Contact Person: Scott McDonald – HOD Information Technology and Design, Business, STEM  
smcdo248@eq.edu.au or 38042318

Course Outline

The STEM program focuses on high level design, programming/coding, robotics, electronics, 3D modelling, rendering and engineering. Projects in STEM develop understanding and skills to prepare students for a digitally enhanced world.

STEM inspires technical creativity and problem solving skills while working with cutting edge CAD (Modelling) and CAM (digital manufacture 3D Print) systems.

Subject Organisation

STEM is predominantly a practical and design-based problem solving subject, which utilises the Australian Curriculum (Digital Technology and Design and Technology)

Units for Year 9 may include:
- Robot design and programming
- Solar boat design and testing
- Engineering challenges

Assessment

<table>
<thead>
<tr>
<th>Assessable Elements</th>
<th>Type of Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge and Understanding</td>
<td>Practical work, Tests, Assignments</td>
</tr>
<tr>
<td>Production and Processes</td>
<td>Practical Projects, Design Booklets,</td>
</tr>
</tbody>
</table>

Prerequisites

- Preferred B or better in Year 8 Science Maths and ITD
- Enrolment is through application only

Workplace Health and Safety Requirements

Due to Workplace Health and Safety Requirements, all students will be required to remove all jewellery have hair tied back and wear Black, impervious leather lace up college style shoes with black laces (as per school Dress Code).

Additional Costs

- USB stick (8GB)
- STEM excursion approx. $50

Pathways to Senior Subjects and Career Options

This subject will prepare the students for study in the area of Senior Maths and Science (Chemistry and Physics) STEM will help prepare students for practical problem solving careers in IT, Engineering, Industrial Design and Digital prototyping.