



Subject Selection Guide

Year 10

**2017**

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## GUIDELINES

Subjects that you choose in Year 10 should reflect your intended choices for studies in Senior. You must make every effort to succeed in Year 10 as your performance will determine whether you are considered for enrolment in Authority subjects; and in particular, Authority English and Authority Mathematics A, B or C. Students are required to achieve a minimum of a pass in the majority of Year 10 subjects and must have demonstrated a level of commitment to completing all assessment, consistent attendance and have an appropriate history of effort and behaviour to be considered for enrolment in subjects in Year 11. Students who have not demonstrated the above may apply to the Principal for special consideration to enrol in Year 11 or to repeat Year 10.

It is important to choose senior subjects carefully as your decisions may affect the types of occupations you choose in the future, your success at school and your attitude towards school and your education. Even though there are many factors to consider, choosing your course of study can be made easier if you go about the task calmly and logically, and follow a set of planned steps.

### OVERALL PLAN

As an overall plan, it is suggested that you choose subjects:

- You enjoy
- In which you have achieved good results
- Which reflect your interests and abilities
- Which help you reach your career and employment goals (match your chosen career pathway)
- Which will develop skills, knowledge and attitudes useful throughout your life

These are quite general points, so it is wise to take care in reading the guidelines outlined below.

### GUIDELINES

#### 1. Find out about occupational pathways

It is helpful if you have several careers in mind before choosing subjects. If you are uncertain about your future career goals at present, then select subjects that will keep several career options open to you. Our Guidance Officer will be able to assist you to begin this process.

You will also need to find out about the various pathways you are able to choose from to obtain qualifications you will need to secure a job in the occupational areas in which you are interested. Once you understand the different pathways, you can select the most appropriate one for you.

The following resources are available and give you information about occupations and the subjects and courses needed to gain entry to these occupations.

QCAA provides a comprehensive career information service found at the following site:

<https://studentconnect.qcaa.qld.edu.au/>

The *Job Guide* book which can also be accessed from the *Job Guide* website at [www.jobguide.thegoodguides.com.au](http://www.jobguide.thegoodguides.com.au)

Brochures from industry groups provide information on the various pathways to jobs within these industries.

The *QTAC Guide* is useful for information on tertiary courses offered through QTAC. [www.qtac.edu.au](http://www.qtac.edu.au)

The *Tertiary Prerequisites 2019* book, provided by QTAC to all Year 10 students, provides information on subjects required for entry to tertiary courses offered through QTAC in the year 2019.

Queensland TAFE Handbook at: [www.tafeqld.edu.au](http://www.tafeqld.edu.au)

# BROWNS PLAINS STATE HIGH SCHOOL

## Year 11/12 Learning Pathways

### Academic Pathway (OP)

Destination: University, TAFE Diploma,  
Work

Student eligible for OP and QCE

Student will study 6 subjects:

- **Mathematics and English**
- Plus 4 other Authority subjects
- **No access** to school based Traineeship or Apprenticeship

### Flexible Pathway (FP)

Destination: Tertiary Rank Eligible,  
Direct Entry TAFE,  
Traineeship/Apprenticeship

Student eligible for Tertiary Selection Rank  
and QCE

Student will be OP Ineligible and will study  
6 subjects in an appropriate mix:

- **Mathematics and English**
- Authority Subjects (maximum of 4 including Mathematics and English)
- Authority Registered subjects
- 1 AQF Certificate II or higher (on or off campus)
- Access to School Based

#### Notes:

**OP** = Overall Position for university entry

**QCE** = Qld Certificate of Education

Authority Subjects = University entry required subjects

Refer to [www.qcaa.qld.edu.au](http://www.qcaa.qld.edu.au) for more information

## ENGLISH DEPARTMENT

### **English**

**Subject type:** Compulsory Core

**Head of Department:** Mrs Jean Vos  
jvos2@eq.edu.au

**Subject Description:** The Year 10 program builds on skills acquired by students during their first three years at high school. The work is designed to challenge the students while acting as a transition into the senior phase of learning. Units within the course work include; satire, the novel, poetry, drama (Shakespeare) and the media.

**Units of Work:**

<b>Semester 1:</b>	Novel unit: <i>Of Mice and Men</i> Satire
<b>Semester 2:</b>	Shakespeare: <i>Romeo and Juliet</i> Poetry

**Assessment Modes:** Spoken, written

**Entry Requirements:** There are no entry requirements for this subject.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you intend to explore the following Senior Subject options:**

English is a compulsory subject for students from Years 7 to 12. A pass in this subject remains an essential prerequisite for the literacy component of the Queensland Certificate of Education (QCE) as well as entry into most tertiary institutions and apprenticeship courses. Your placement in English or English Communication in 2018 will be dependent upon your performance in Year 10 English in 2017.

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- The analytical and writing skills acquired throughout the English course are highly beneficial to all career paths.

# MATHEMATICS DEPARTMENT

## ***Mathematics***

**Subject type:** Compulsory Core

**Head of Department:** Tomasz Dolecki  
tdole1@eq.edu.au

**Subject Description:** Year 10 Mathematics has been designed to cater for students of all abilities levels. The program is delivered through three strands, Mathematics Foundation, Core Mathematics and Mathematics Extension. Students are placed in these classes based on their results from the Year 9 Mathematics course. By ability grouping these classes, students are best prepared for Mathematics studies in Years 11 and 12.

**Units of Work:**

**Semester 1:** Number/Length/Geometry  
Algebra /Geometry /Area

**Semester 2:** Trigonometry/Statistics/Surface Area/Algebra  
Probability/Volume/Geometry

**Assessment Mode:** Investigations, Written Assignments and Examinations

**Entry Requirements:** All students are required to participate in a Mathematics Program.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Mathematics a compulsory subject for students from Years 7 to 12. Your placement in 2018 in; Pre-Vocational Mathematics, Mathematics A, Mathematics B and Mathematics C will be dependent upon your academic performance in Year 10 Mathematics in 2017.

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- The numerical skills acquired throughout the Mathematics course are highly beneficial to all career paths.

# SCIENCE DEPARTMENT

## ***Science 1 - Biology***

**Subject type:** Elective

**Head of Department:** John Sagner  
jsagn1@eq.edu.au

**Subject Description:**

Science 1 - Biology is the study of life in its many manifestations. Within the course, students will have the opportunity to sample aspects of Senior Biology. This course covers the study of genetics, ecosystems, classification and experimental design. Studying Science 1 will help students foresee the consequences of their own and society's activities on the living world. This will enable them to participate as informed and responsible citizens in decision-making processes, the outcomes of which will affect the living world now and in the future.

This senior preparatory course will broaden student's biological knowledge and provide opportunities for them to learn fundamental field work skills. Students will have the opportunity to engage in creative scientific thinking and to apply their knowledge in practical situations both in the classroom and in the field. It is expected that students studying Science 1 - Biology will effectively communicate information and apply investigative skills and problem-solving skills. They will develop an understanding and appreciation of the contribution that the study of biology makes to their understanding of the world.

**Units of Work:**

**Semester 1:** Genetics & Evolution  
Cells – the units of life

**Semester 2:** Classification  
Experimental Design and Investigation

**Assessment Modes:** Field Report, Extended Experimental Investigation (EEI) and Examinations.

**Entry Requirements:** The **recommended** minimum standard is a C in Year 9 Science

**Cost:** \$35- Field Study Excursion

**This subject is a prerequisite for:** Senior Biology

Biology is a foundational unit for tertiary science degrees. A senior science is a prerequisite for anyone wanting to study Education (including Early Childhood teaching).

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Dentistry
- Dietetics
- Ecology
- Education
- Environmental Management
- Forensic Science
- Health/Medicine
- Nursing
- Physiotherapy
- Sport Science
- Veterinary
- Zoology

# SCIENCE DEPARTMENT

## *Science 2- Chemistry & Physics*

**Subject Type:** Elective

**Head of Department:** John Sagner  
jsagn1@eq.edu.au

### **Subject Description:**

It is part of the human condition to marvel at the world we live in and to ask why the world should be that way. Through studying Science 2 - Chemistry and Physics, students will have the opportunity to develop a greater understanding of the physical science and the chemistry of the world around them. This senior preparatory course offers students the opportunity to develop a deeper knowledge of fundamental knowledge of Chemistry and Physics as well as a refined skill set for senior schooling and beyond.

Within Science 2, Chemistry will involve students working individually and with others in practical, field and interactive activities that are related to the theoretical concepts considered in the course. It is expected that students studying Year 10 Chemistry will apply investigative and problem-solving skills, effectively communicate information and their understanding and appreciate the contribution that the study of chemistry makes to their understanding of the world.

Studying Physics in Science 2 will give students a means of enhancing their understanding of the world around them, a way of developing useful knowledge and skills, and a stepping stone for further study. Participating in Physics, working scientifically and enacting scientific inquiries, investigations and experiments will immerse students in both the practical and the conceptual aspects of the discipline.

### **Units of Work:**

#### **Semester 1:** Chemistry

Basic Atoms, Formulas and Solubility  
Balancing Equations, Moles & Molarity  
Volumetric Analysis

#### **Semester 2:** Physics

The Physics Tool Box- Calculation Skills and Measurement  
Motion  
Electricity and Magnetism

**Assessment Modes:** Investigations, Extended Response Tasks and Examinations

**Entry Requirements:** The **recommended** minimum standard is a C in Year 9 Science

**Cost:** \$20- Industry Visit

**This subject is a prerequisite for:** Senior Chemistry and Physics

**Chemistry and Physics are both foundational units for tertiary science degrees. A senior science is a prerequisite for anyone wanting to study Education (including Early Childhood teaching).**

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Architecture
- Astronomy
- Chemistry
- Electrician
- Engineering
- Science
- Forensics
- Health/Medicine/Radiology



# SCIENCE DEPARTMENT

## ***Science 3 - Practical Science***

**Subject Type:** Elective

**Head of Department:** John Sagner  
jsagn1@eq.edu.au

### **Subject Description:**

Solving crimes, accident prevention, infectious diseases, making beauty products and designing efficient toy racers are all descriptors that could be used for this strand of science. Science plays an integral part in our daily lives and Science 3 - Practical Science provides an opportunity to explore some of the ways it does. Students in this subject will have the opportunity to develop a greater understanding of the basic biology, physics and chemistry in the world around them.

In semester 1, students will develop a greater understanding of forensic science through a range of practical activities involving real world examples of how information collected at crime scenes is used to solve crimes. Students will explore types of diseases, how they spread, trends and their impact across the world. Students will explore the way physical characteristics are inherited and how the theory of evolution explains the diversity of living things and is supported by scientific evidence.

Semester 2 will provide students with opportunities to investigate energy, calculate efficiency and use principles learnt in class to design a mouse trap racer as a part of their assessment. Students will explore the world of motion, speed, acceleration and the impact of distraction, drinking and drugs on road safety. To round out the year, students will work through a unit of industrial chemistry and explore the chemistry of everyday household products such as cleansers.

In Practical Science, students will apply investigative and problem-solving skills, effectively communicate information and their understanding and appreciate the contribution that the study of science makes to their understanding of the world.

### **Units of Work:**

Semester 1-  
Unit 1- Forensics  
Unit 2- Diseases  
Unit 3- Genetics and Evolution  
Semester 2-  
Unit 4- Physics and the car  
Unit 5- Energy in motion  
Unit 6- Industrial Chemistry

**Assessment Mode:** Investigations, Research Tasks and Examinations.

**Entry Requirements:** The **recommended** minimum standard is a C in Year 9 Science

**Cost:** \$20- Industry Visit (Optional)

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Aquatic Practices
- Trade courses

## SCIENCE DEPARTMENT

### ***Certificate 1 in Agrifood Operations***

**Subject type:** Support program – Yr 10 students with special needs may apply for this course.

**Head of Department:** John Sagner

jsagn1@eq.edu.au

**Subject Description:** The program will be delivered through class-based tasks that will simulate a specific industry environment. In addition, all students will be involved in work placements over the two years.

A range of teaching and learning strategies will be used to deliver the competencies. These include practical tasks, group work and activities in simulated work environments.

**Units of Work:**

**Semester 1:** Maintain the Workplace  
Support Landscape work  
Work Safely

**Semester 2:** Support Irrigation work  
Support Nursery work  
Support Gardening Work

**Assessment Mode:** Observation with checklists, Tests: Written responses, Scenario responses, Teacher questioning/Interview/Oral response.

**Entry Requirements:** Students with special needs may apply for entry.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you are exploring the following Senior Subject options:**

A Personal Pathway in VET subjects

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Landscape gardening
- Plant nursery work
- Farm work

# HUMANITIES DEPARTMENT

## ***Ancient/Modern History***

**Subject type:** Elective

**Head of Department:** Natasha Lyndon  
nlynd2@eq.edu.au

**Subject Description:**

Ancient and Modern History in Year 10 allows students to enquire into specialised topics based on past events and people. It places the student inquiry at the centre of the learning used to investigate these topics and makes students aware that they can create their own views and make their own decisions about people, societies, cultures, events and ideas. When structured around inquiry based learning, Year 10 History can offer students a solid grounding and beginning to their senior phase of learning in either Ancient History and/or Modern History.

**Units of Work:**

**Semester 1:** Ancient China  
World War II

**Semester 2:** Rights and Freedoms and Environmental History  
Gods and Goddesses

**Assessment Mode:** Response to stimulus exams, Short Response Tests and Research essays

**Entry Requirements:** There are no entry requirements for this subject.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Ancient History, Modern History and Tourism

**This subject is particularly important for students interested in exploring the following career pathways:**

- Architect
- Journalist
- Landscape Designer
- Lawyer
- Teacher
- Tour Guide
- Travel Consultant
- Writer

# HUMANITIES DEPARTMENT

## ***Geography***

**Subject type:** Elective

**Head of Department:** Natasha Lyndon  
nlynd2@eq.edu.au

**Subject Description:**

Geography in Year 10 allows students to enquire into more specialised topics based on the 'big ideas'. It places the student inquiry at the centre of the learning used to investigate these topics and makes students aware that they can create their own views and make their own decisions about people, societies, cultures, events and ideas. When structured around inquiry based learning, Year 10 Geography can offer students a solid grounding and preparation for studying this subject in their senior phase of learning.

**Units of Work:**

Unit One:	Geography skills
Unit Two:	Natural Hazards
Unit Three:	Geographies of Human Wellbeing
Unit Four:	Environmental Change and Management

**Assessment Mode:** Response to stimulus exams, Environmental reports, Short Response Tests

**Entry Requirements:** There are no entry requirements for this subject.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Geography or Tourism

**This subject is particularly important for students interested in exploring the following career pathways:**

- Architect
- Environmental Planner
- Journalist
- Landscape Designer
- Teacher
- Tour Guide
- Travel Consultant
- Writer

# HEALTH & PHYSICAL EDUCATION

## *Physical Education*

**Subject type:** Elective

**Head of Department:** Dan Michael  
dmich1@eq.edu.au

**Subject Description:** Browns Plains High School is highly regarded as a school for quality Physical Education classes which have a strong focus on fitness, health and wellness. In the Year 10 Health and Physical Education class, students learn a foundation in a variety of both individual and team sports, as well as develop an understanding of good physical health through the study of theoretical units that relate to important life skills.

**Units of Work:**

<b>Semester 1:</b>	Exercise Physiology & Energy Systems Athletics
<b>Semester 2:</b>	Biomechanics Sport Sociology

**Assessment Mode:** Students are assessed on physical performance and theoretically through written pieces. In order to meet the standards required in Year 10 Health and Physical Education, students are expected to participate to the best of their ability in both practical and theoretical units.

**Entry Requirements:** There are no entry requirements for this subject.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Senior Physical Education, Certificate II in Sport and Recreation or Certificate III in Fitness.

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Coaching
- Fitness
- Health
- Nutrition
- Science

# ARTS DEPARTMENT

## **Media**

**Subject type:** Elective

**Head of Department:** Mrs Keryn Clark  
kdora16@eq.edu.au

**Subject Description:** Media in Year 10 allows students to learn about planning, shooting and editing films. They will take turns in different technical and creative roles, while working in groups to create exciting projects like film clips and sequences involving prosthetic props. Theory about the conventions and analysis of film will accompany the engaging and practical projects which utilise the school's cameras and editing software. Year 10 Media offers students a solid grounding and beginning to their senior phase of learning in Media for Grade 11 & 12.

**Units of Work:**

**Semester 1:** Film Fundamentals  
Movie Making

**Semester 2:** Special Effects  
Photography

**Assessment Mode:** 1 written exam, 1 written film analysis, 2 x Short Film Projects, 1 x Photographic Portfolio and the ongoing assessment of bookwork and planning/evaluation materials.

**Entry Requirements:** There are no entry requirements for this subject. A strong interest in the creative industries would be recommended.

**Prior Knowledge:** There are no knowledge requirements for this subject.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Senior Media, Photography, Visual Art Studies, Visual Art.

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Actor
- Cameraperson
- Composer
- Costume and Set Designer
- Director
- Film Editor
- Film maker
- Gaffer
- Lighting Technician
- Make-up Artist
- Media Relations Co-ordinator
- Photographer
- Storyboard Artist
- Stunt Artist

# ARTS DEPARTMENT

## ***Visual Art***

**Subject type:** Elective

**Head of Department:** Mrs Keryn Clark  
kdora16@eq.edu.au

**Subject Description:** Visual Arts represents a broad field of creative practice that involves hand, eye, intellect and imagination in making two and three dimensional objects and environments. Students develop the capacity to make practical and aesthetic decisions along with Art making skills in a variety of disciplines. Visual literacy is also developed within the study of different cultural and historical contexts.

**Units of Work:**

**Semester 1:** Fantasy and Surrealism  
Gothic and Medieval Art

**Semester 2:** Portrait Drawing  
Into Senior (Transitions)

**Assessment Mode:** Practical, theoretical, spoken, written, composition.

**Entry Requirements:** It is recommended that students have studied art in Year 8 or 9.  
There are no entry requirements for this subject. A satisfactory result in English would assist theory assessment.

**Prior Knowledge:** In order to meet the standards required in Year 10 Visual Art, it is recommended that students have foundational knowledge in basic art concepts including art terminology, mediums and practices. Students are required to put in extra time outside of class to get results.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Senior Visual Art/ Visual Art Studies/ Photography/Media Studies.

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Creative Arts Industry
- Media
- Design
- Commercial Artist
- Teaching
- Graphic Design
- Illustrating
- Fashion
- Arts Curator
- Photographer
- Draftsman
- Artist

# ARTS DEPARTMENT

## *Dance*

**Subject type:** Elective

**Head of Department:** Mrs Keryn Clark  
kdora16@eq.edu.au

**Subject Description:** Dance in Year 10 allows students to further their skills in creating, performing and responding to dance. Through the lens of a variety of historical and socio/political contexts from the 1400s until today, students are encouraged to further develop different dance techniques, musicality, creative expression, analysis skills and self-discipline. Students are exposed to a variety of dance forms such as ballet, jazz, contemporary, hip hop and various popular dance styles as well as digital technology that provides opportunities to manipulate dance on film. Year 10 Dance offers students a solid grounding and beginning to their senior phase of learning in Senior Dance.

**Units of Work:** **Semester 1:** Jazz Moves  
Contemporary Moves  
**Semester 2:** Moves in the Media

**Assessment Mode:** Choreography: 2 Practical Tasks (Pair and Group context), Performance: 2 Practical Tasks (Pair context) and Appreciation: 2 Written Tasks (Analytical Essay and Justification Report)

**Entry Requirements:** There are no entry requirements for this subject.

**Prior Knowledge:** In order to meet the standards required in Year 10 Dance, it is recommended that students have completed Year 9 Dance as a pre-requisite. If this is not possible, the student should have a competent knowledge of basic dance techniques such as recalling movement and safety protocol.

**This subject would be ideal if you are exploring the following Senior Subject options:**

- Senior Dance

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Arts Administrator
- Choreographer
- Community Liaison for art projects
- Dance Teacher
- Dancer
- Director
- Independent Artist
- Media Relations Co-ordinator
- Public Relations Officer
- Stage Design, Set, Costume, Lighting and Sound Design
- Stage Manager



# ARTS DEPARTMENT

## ***Drama***

**Subject type:** Elective

**Head of Department:** Mrs Keryn Clark  
kdora16@eq.edu.au

**Subject Description:** Drama is a social art form that integrates visual, aural and physical elements to communicate and explore the human experience. The subject of Drama develops a range of personal resources such as communication skills, self-esteem, imagination, self-discipline and movement skills. Furthermore, Drama improves intrapersonal skills; allowing students to work in groups to achieve a combined goal.

**Units of Work:**

**Semester 1:** Australian Theatre  
Collage Drama

**Semester 2:** Clowning  
Directing

**Assessment Mode:** Presenting, Forming and Responding through both practical and theoretical work.

**Entry Requirements:** There are no entry requirements for this subject.

**Prior Knowledge:** In order to meet the standards required in Year 10 Drama, it is recommended that students have some foundational knowledge or a strong interest in basic drama technique.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Senior Drama

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Actor/Actress
- Arts Administrator
- Director
- Drama Teacher
- Dramaturge
- Entertainer
- Media Relations Co-ordinator
- Playwright
- Public Relations Officer and
- Radio Presenter
- Set/Costume/Lighting and Sound Design
- Speech Therapist
- Stage Design
- Stage Manager
- Television production assistant; Television producer
- Theatre technician

# ARTS DEPARTMENT

## **Music**

**Subject type:** Elective

**Head of Department:** Mrs Keryn Clark  
kclark16@eq.edu.au

**Subject Description:** Year 10 Music is a course that provides students with an intermediate skill level in music. Each student will learn how to manipulate the musical elements as well as gain a greater understanding of musical genres from classical to modern rock and theatre to film music. Students will be assessed within the three fields – Performance, Composition and Musicology. These assessment tasks provide students with a greater appreciation and understanding of the music industry and the manipulation of music.

**Units of Work:** **Semester 1:** Music Elements  
Medieval To Modern  
**Semester 2:** Stage to Screen

**Assessment Mode:** Exams: Aural and Music Theory  
Performance: Either solo and/or small ensemble.  
Composition: Manipulation of the musical elements in order to create pieces.  
Musicology: Analysis of music through spoken and/or written tasks.

**Entry Requirements:** Students are required to have complete Year 9 Music and/or know how to play an instrument.

**Prior Knowledge:** In order to meet the standards required in Year 10 Music, it is recommended that students have foundational knowledge in basic music concepts including music reading, notation and performance.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Senior Music/Music Extension

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Art Management
- Composer
- Music Teacher
- Musician
- Popular Entertainer
- Recording Studio Technician

# BUSINESS EDUCATION & INFORMATION TECHNOLOGY DEPARTMENT

## *Enterprise.Com*

**Subject type:** Elective

**Head of Department:** Mrs Catherine Cole  
cgard4@eq.edu.au

**Subject Description:** Managing and operating a business and enterprise is the main purpose of this subject. Students will be provided with an introduction into business, and planning, preparing and operating a successful enterprise or event. Students will gain skills in the development of operating a business venture within a team and create a marketing campaign for a specific product or develop innovative packaging for a new product.

Students will utilize computer technology regularly throughout the course to access valuable websites, develop marketing items (word and publisher) and perform spreadsheet applications. Students will be required to prepare detailed business plans and undergo research to determine how best to serve their target market. This subject will involve hands-on activities, teamwork and organizational skills to assist in achieving goals.

Students will investigate:

- types of business and ownership
- successful elements of a business
- organisational skills + aspects of oral and written communication
- marketing a business + organising and running an enterprise

**Units of Work:**

**Semester 1:** Business Communication  
Travel  
Marketing and Social Media

**Semester 2:** Business Finance  
Simulate Business Venture

**Assessment Mode:** Examination (theoretical and practical), Written Assignment, Presentations and Projects

**Entry Requirements:** There are no entry requirements for this subject.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Year 11 - Accounting, Business, Business Communication & Technologies, Legal Studies

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Accounting
- Entrepreneurship & Innovation
- Finance
- Human Resource Management
- International Business
- Management Information Systems
- Marketing and Operations Management

# BUSINESS EDUCATION & INFORMATION TECHNOLOGY DEPARTMENT

## *IT Solutions*

**Subject type:** Elective

**Head of Department:** Mrs Catherine Cole  
gard4@eq.edu.au

**Subject Description:** Technology is continuing to have a huge impact in today's society. The computer is a tool that is best known for managing, creating, storing, representing and searching for information. The purpose of this course is to provide students with an understanding of the essential concepts of technology and utilise a variety of technology applications. Students will be provided with the skills and knowledge to understand and effectively use modern technology to produce electronic products.

Students will also have the opportunity to achieve Microsoft Certification in particular areas such as Microsoft Office (Word, PowerPoint and Excel) and MTA (Fundamental Game Development). On successful completion of a certification the student will receive 1 QCE point towards their Queensland Certificate of Education and an official Microsoft Certificate to place in their resume folder.

Students will investigate:

- development of technology including current trends
- social and ethical implications of technology
- utilization of a range of software applications
- robotics – artificial intelligence, programming and building a robot
- game design and development – program and produce a computer game
- DDE cycle – Design, Develop and Evaluate.

**Units of Work:**

<b>Semester 1:</b>	Document Production and Technology Robotics
<b>Semester 2:</b>	Robotics Game Design and Development

**Assessment Mode:** Examination (theoretical and practical), Written Assignment and Project

**Entry Requirements:** There are no entry requirements for this subject.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Year 11 – Information Communications Technology (ICT), Information Processing & Technology (IPT) and Information Technology Systems (ITS)

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Database Administration
- Game Designer
- Graphic Designer
- Helpdesk operation
- Network Engineer
- Programmer
- Project Manager
- System Analyst
- Technician
- Tester
- Web Developer

# BUSINESS EDUCATION & INFORMATION TECHNOLOGY DEPARTMENT

## *Law and Civics*

**Subject type:** Elective

**Head of Department:** Mrs Catherine Cole  
cgard4@eq.edu.au

**Subject Description:** Law and order is needed when people in any given society or community interact on a daily basis. Throughout this course it is hoped that students will be better citizens (legal positions, rights and responsibilities) and will develop an understanding of the impact of laws, the legal system and legal processes in their daily lives.

Students will investigate:

- criminal law—police powers, youth justice and court hierarchy
- civil law—negligence (duty of care), nuisance, trespass, defamation
- controversial issues in relation to the laws dealing with young people
- contract law (agreements)—elements of legally binding contract, capacity and enforceability
- motor vehicles and the law—licensing system, road rules and young driver restrictions.

**Units of Work:**

**Semester 1:** Criminal Law  
Controversial Issues  
Civil Law

**Semester 2:** Motor Vehicles and the Law  
Contract Law

**Assessment Mode:** Examination (theoretical and practical) and Written Assignments, Multimodal.

**Entry Requirements:** There are no entry requirements for this subject.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Year 11 - Legal Studies, Business, Accounting and Business Communication & Technologies

**This subject is particularly important for students interested in exploring tertiary entry or careers in:**

- Barrister
- Community Legal Service (immigration, rental disputes, consumer rights, family conflict, etcetera)
- Criminologist
- Diplomat
- In-house Counsel
- Judge
- Lawyer
- Politician
- Public Relations

# BUSINESS EDUCATION & INFORMATION TECHNOLOGY DEPARTMENT

## *Making Millions*

**Subject type:** Elective

**Head of Department:** Mrs Catherine Cole  
cgard4@eq.edu.au

**Subject Description:** Managing, operating and investing in business is the main purpose of this subject. Students will be provided with an introduction to the importance of financial management (including shares) and personal budgeting.

Students will utilise computer technology regularly throughout the course to access valuable websites, monitor the growth of their 'share' portfolio and perform spread sheet applications. Students will be required to prepare detailed business plans and undergo research to determine how best to serve their target market. This subject will involve hands-on activities, teamwork and organizational skills to assist in achieving goals.

Students will investigate:

- the sharemarket – participate in the Share Market Game (Australian Stock Exchange)
- protecting and managing money
- borrowing money and learning how to avoid debt, including managing credit cards
- financial management of a business - recording basic cash transactions using an accounting package
- eBusiness
- work education, including rates of pay, entitlements, paying tax
- organisational skills and aspects of oral and written communication.

**Units of Work:** **Semester 1:** Investing in the Share market  
Borrowing Money  
**Semester 2:** Protecting Money  
Basic Accounting

**Assessment Mode:** Examination (theoretical and practical), Written Assignment and Project.

**Entry Requirements:** There are no entry requirements for this subject.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you are looking at exploring the following Senior Subject options:**

Year 11 - Accounting, Business, Business Communication & Technologies, Legal Studies

**This subject would be ideal if you are looking at exploring the following career pathways:**

- Accounting
- Entrepreneurship and Innovation
- Finance
- Human Resource Management
- International Business
- Management Information Systems
- Marketing and Operations Management

# HOME ECONOMICS DEPARTMENT

## **Early Childhood**

**Subject type:** Elective

**Head of Department:** Mrs Leanne Warner  
lwarn2@eq.edu.au

**Subject Description:** Early Childhood focuses on developing strategies for optimising the health and wellbeing of preschoolers'. Students will develop their knowledge and understanding of the factors that influence a preschooler's health and wellbeing, particularly the dimensions of health – physical, intellectual and social – with a focus on the importance of positive interactions and supporting literacy and numeracy development for children. Children learn best through active participation and experience. Students will learn strategies to support the pre-school child's development through developmentally responsive activities that promote a child's optimum health. The skills and attitudes developed in the course are those fundamental to future life roles. The course promotes cooperation and teamwork – vital skills for success in the workplace.

### **Units of Work:**

#### **KINDY CAPERS – LITERACY DEVELOPMENT**

Communicating and interacting

Child development and growth

Supporting Literacy – It's Story Time

#### **KINDY CAPERS – NUMERACY DEVELOPMENT**

Play, Learn and Grow

Supporting numeracy

Children and technology

**Assessment Mode:** Written test (Knowledge and understanding)  
Assignment (Reasoning)  
Field experience activities (Practical skills)

**Entry Requirements:** There are no entry requirements for this subject. Students are required to work with children the primary school on a regular basis, so must be appropriately groomed in correct school uniform at all times.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you are looking at exploring the following Senior Subject options:**

Year 11 – Certificate III in Children's Services, Early Childhood Studies

**This subject would be ideal if you are looking at exploring the following career pathways:**

- Teacher
- Paediatric nurse
- Child care worker
- Child care director
- Parent

# HOME ECONOMICS DEPARTMENT

## *Home Economics*

**Subject type:** Elective

**Head of Department:** Mrs Leanne Warner  
lwarn2@eq.edu.au

**Subject Description:** In Semester 1, Home Economics focuses on knowledge of nutrition and healthy eating practices to develop an understanding of the role of preventive health in maintaining and promoting health and wellbeing for individuals and the community. It aims to support students, as health consumers, to make informed decisions about their own health and well-being. Students learn to plan, implement and evaluate health programs to enhance their well-being. In Semester 2, Home Economics focuses on the well-being of individuals and families through textile creation. It aims to assist students to lead effective lives through the development of efficient practices related to textile selection, basic sewing skills and computerised embroidery skills. The skills and attitudes developed in the course are those fundamental to future life and employment in promoting cooperation and teamwork.

**Units of Work:**

**Semester 1:** Food, Health and Well-Being  
Attacking your snacking  
Nude Food (unprocessed food)

**Semester 2:** Textile Technology  
Sewing techniques for creating fashion  
Design and production of sleepwear

**Assessment Mode:** Written test  
Folio  
Practical – cooking and sewing

**Entry Requirements:** There are no entry requirements for this subject. However, students will be required to provide ingredients for cooking on a weekly basis in Semester 1 and fabric in Semester 2.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Year 11 – Home Economics, Hospitality Studies, Certificate II in Kitchen Operations

**This subject would be ideal if you are exploring the following career pathways:**

- Dietician
- Nutritionist
- Teacher
- Health Scientist/Food scientist
- Public Health Educator
- Food journalist
- Animal nutritionist
- Restaurateur/Chef
- Food Stylist, Food Technologist
- Function Manager, food critic
- Fashion Designer

**Cost:** Parents must be prepared to supply ingredients on a weekly basis for one semester. Parents must be prepared to supply fabric for the sleep shorts and sewing equipment. As students have chosen this elective, no student is exempt from practical activities.



# HOME ECONOMICS DEPARTMENT

## *Health and Nutrition*

**Subject type:** Elective

**Head of Department:** Mrs Leanne Warner  
lwarn2@eq.edu.au

**Subject Description:** Health and Nutrition focuses on knowledge of nutrition and healthy eating practices to develop an understanding of the role of preventive health in maintaining and promoting health and wellbeing for individuals and the community. It aims to support students, as health consumers, to make informed decisions about their own health and well-being. Students learn to plan, implement and evaluate health programs to enhance their well-being. The skills and attitudes developed in the course are those fundamental to future life roles. The course promotes cooperation and teamwork – essential skills for success in the workplace.

**Units of Work:**

**Semester 1:** Promoting Health and Well-Being  
Attacking your snacking  
Nude food (unprocessed food)

**Semester 2:** Australian Health Status  
Cultural influences and health  
Health challenges

**Assessment Mode:** Written test  
Assignment  
Practical

**Entry Requirements:** There are no entry requirements for this subject. However, students will be required to provide ingredients for cooking on a weekly basis.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Year 11 – Home Economics, Hospitality Studies, Certificate II in Kitchen Operations

**This subject would be ideal if you are exploring the following career pathways:**

- Chef
- Dietician
- Food Scientist
- Food stylist
- Food technologist, food critic, food journalist, animal nutritionist
- Function manager
- Health Scientist
- Nurse
- Nutritionist
- Public health educator
- Restaurateur
- Teacher

**Cost:** Parents must be prepared to supply ingredients on a weekly basis for the year. As students have chosen this elective, no student is exempt from practical activities.

# INDUSTRIAL TECHNOLOGY AND DESIGN

## ***ITD Graphics***

**Subject type:** Elective

**Head of Department:** Andrew McDowell  
amcdo46@eq.edu.au

**Subject Description:** Students will develop a range of introductory skills, processes and knowledge associated with both hand drawn, computer aided (CAD) graphics and technical drawings. Graphical communication is the essential products designed and manufactured by industry. Design is in everyday life, students will gain an appreciation of design by using a range of processes that will scaffold their learning. This will allow them to build the necessary skills and knowledge to advance into Senior Graphics and later, TAFE or University.

**Units of Work:**

**Semester 1:** Plane geometry  
Solid geometry

**Semester 2:** Orthographic projections  
Perspective views

**Assessment Mode:** Written test  
Assignment

**Entry Requirements:** There are no entry requirements for this subject, although Year 9 Graphics would be an advantage.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject, although Year 9 Graphics would be an advantage.

**This subject would be ideal if you are looking at exploring the following Senior Subject options:**

Senior Graphics, Manufacturing and Certificates in Construction, Engineering and Furnishing

**This subject would be ideal if you are looking at exploring the following career pathways:**

- Architect
- Education
- Engineer
- Environmental Planner
- Landscape designer or any other built environment
- Trades

# INDUSTRIAL TECHNOLOGY AND DESIGN

## ***Year 10 ITD Metal Bias***

**Subject type:** Elective

**Head of Department:** Andrew McDowell  
amcdo46@eq.edu.au

**Subject Description:** Students will develop a range of introductory skills, processes and safety associated with manual handling and manipulation of materials and tools within a workshop environment. Design is in everyday life, students will gain an appreciation of design by using a range of elements that will scaffold their learning. This will give them basic concepts of how materials and tools can be used in conjunction with Graphical communication and Mathematics to gain required outcomes. There are four main materials that the students will work with as a bias towards their projects; they are Sheet Metal, Solid Metal, Plastics and Electronics. Within this bias, the students will learn there are also three main categories of tools and machinery used; they are Marking, Cutting and Finishing. Overall, the purpose of our program is to introduce students to range of practical and theoretical experience at which they can use in everyday life and or further into the working environment.

**Units of Work:**

**Semester One:**

Design folios included with every unit, safety in the workshop with tools, machines, materials and handling, sheet metal design, tool box, compartments, hinging, trailer design, combination electronics, sheet and metal.

**Semester Two:**

Design folios included with every unit, safety in the workshop with tools, machines, materials and handling, design appreciation, tool design, solid metal, engineering, LED labra design, combination- plastics, electronics, sheet and solid metal

**Assessment Mode:** Response to Design Folio, Projects, Research, Safety, Numeracy and Literacy and Graphical Communication.

**Entry Requirements:** There are no entry requirements for this subject.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

**This subject would be ideal if you are exploring the following Senior Subject options:**

Manufacturing and Certificates in Construction, Engineering and Furnishing

**This subject would be ideal if you are exploring the following career pathways:**

- Architect
- Education
- Engineer
- Environmental Planner
- Landscape designer or any other built environment
- Trades

# INDUSTRIAL TECHNOLOGY AND DESIGN

## ***Year 10 ITD Timber Bias***

**Subject type:** Elective

**Head of Department:** Andrew McDowell  
amcdo46@eq.edu.au

**Duration:** 12 months

**Subject Description:** Students will develop a range of introductory skills, processes and safety associated with manual handling and manipulation of materials and tools within a workshop environment. Design is in everyday life, students will gain an appreciation of design by using a range of elements that will scaffold their learning. This will give them basic concepts of how materials and tools can be used in conjunction with Graphical communication and Mathematics to gain required outcomes. There are three main materials that the students will work with as a bias towards their projects; they are Timber, Plastics and Electronics. Within this bias, the students will learn there are also three main categories of tools and machinery used; they are Marking, Cutting and Finishing. Overall, the purpose of our program is to introduce students to range of practical and theoretical experience at which they can use in everyday life and or further into the working environment.

### **Units of Work:**

#### **Semester One:**

Design folios included with every unit, safety in the workshop with tools, machines, materials and handling, device stand design, multiple Dovetail Joints, ratios, angles, trinket box design multiple Pin Joints, scaling, slide rules

#### **Semester Two:**

Design folios included with every unit safety in the workshop with tools, machines, materials and handling camp stool design appreciation, Bridle, Mortice and Tenon Joints, leavers and supports - other materials used in furnishing small table- design enhancements- Haunched Mortice and Tenon and Dowel Joints

**Assessment Mode:** Response to Design Folio, Projects, Research, Safety, Numeracy and Literacy and Graphical Communication.

**Entry Requirements:** There are no entry requirements for this subject.

**Prior Knowledge:** There is no prior knowledge or skills required to complete this subject.

### **This subject would be ideal if you are exploring the following Senior Subject options:**

Manufacturing and Certificates in Construction, Engineering and Furnishing

### **This subject would be ideal if you are exploring the following career pathways:**

- Architect
- Engineer
- Trades
- Education
- Environmental Planner
- Landscape designer or any other built environment