Upper Coomera State College

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YEAR 9 2024 SUBJECT SELECTION GUIDE

Upper Coomera State College

Learning Pathways to the Future

Contents

Upper Coomera State College P - 12

STATEMENT OF PURPOSE

UCSC Creed

- My goal is to become an **informed**, **confident** and **well-balanced** graduate of Upper Coomera State College
- I will be **aspirational** and **positive**, and I will strive to realise my learning potential
- I will be a **safe, responsible** and **respectful** member of the community

Motto *Learning Pathways to the Future*

INTRODUCTION

Dear Students, Parents and Guardians,

Students entering Year 9 are at the end of their Junior Secondary Phase of Learning.

Upper Coomera State College prides itself on providing our students with learning pathways for the future. We have processes in place to ensure that every student's progress is closely monitored. Students in Year 9 will participate in intensive lessons designed to improve their literacy and numeracy skills and ensure that they are able to access the curriculum in all areas. They will also explore topics essential to their well-being and participate in activities designed to start them thinking about where their future may take them post-school in preparation for the transition to the Senior Phase of Learning in Year 10.

The information provided is designed to explain the core curriculum studied in Year 9 and to assist students and their families in making good elective subject choices.

If there is an aspect of a particular subject on which you require further information please contact the Head of Department for that subject, the Guidance Officer, or members of the Administration team. Appointments can be made by phoning the College on 5580 7555.

We wish our Year 9 students success as they undertake studies in preparation to transition from the Junior Secondary to the Senior Phase of Learning. I challenge them to strive for excellence in their studies and encourage them to utilise effectively the very high quality programs, resources and facilities our College takes pride in offering.

Yours sincerely

Noel Rawlins
Executive Principal

Camilla Nichols
Secondary School Principal

Year 9 Curriculum

Year 9 at Upper Coomera State College is considered to be the final stage of the Junior Secondary Phase of Education. As such Year 9 students are considered to fall within the Junior Secondary School in the College.

Year 9 is seen as the start of the transition from the Junior Secondary School to the Senior School.

Students in Year 9 complete 6 subjects. They complete compulsory studies in English, Mathematics, Science, Humanities (History and Geography) and Health and Physical Education.

In Year 9 students are able to make three elective subject choices. One elective subject is taken as a year-long subject, the other two elective subject choices are studied for one semester each. The elective subject choices are designed to give students a taste of what it will be like to study similar subjects in Years 10, 11 and 12.

The table below outlines core subjects studied and elective subject options for Year 9 students.

Faculty	Subject
English	• English (compulsory)
Mathematics	• Mathematics (compulsory)
Science	• Science (compulsory)
Humanities and Languages	• History (compulsory) • Geography (compulsory) • Business Studies • Japanese
Health & Physical Education	• Health & Physical Education (compulsory)
Arts	• Visual Art • Drama • Music • Dance • Media Studies
Technologies	• Food and Fibre Production • General Shop Studies • Design Technologies • Engineering Principles and Systems • Digital Technologies

What Subjects Should I Choose?

It is important to choose your subjects carefully as your decisions may affect your success at school, your feelings about school, and also your level of preparedness or eligibility for particular training or tertiary study after school. Even though there are many factors to consider, choosing your program of study can be made easier if you go about the task logically, and follow a set of planned steps.

OVERALL PLAN

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

- You will enjoy
- You have achieved in or feel confident of achieving good results in
- Reflect your interests and abilities
- Help you reach your career and employment goals
- Will develop skills, knowledge and attitudes useful throughout your life

GUIDELINES

1. **Find out about Career Pathways**
   It is helpful if you have a few career ideas in mind before choosing subjects. If you are still unsure, then select subjects that will keep several career options open to you. The Guidance Counsellor and Industry Liaison Officer will be able to help get you started. You will also need to find out about the various pathways you can take to obtain qualifications you will need to get a job in the occupational areas in which you are interested. Once you know 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.

   Australia's national career information service, called My Future, available at www.myfuture.edu.au

   The Job Guide, accessed at www.jobguide.dest.gov.au

   Brochures from industry groups provide information on the various pathways to jobs within their industries. Start with the Industry Skills Councils at www.isc.org.au

   Job and career planning information from the Department of Education, Training and the Arts website available at www.trainandemploy.qld.gov.au/client/jobs_and_careers/job_career_planning/

   The Career Information Service accessed at www.cis.qsa.qld.edu.au

   What Next? This is a publication by the Queensland Studies Authority focusing on the pathways available for students completing Year 10, available from www.qsa.qld.edu.au/yrs1to10/what-next.pdf

   The QTAC Guide is useful for information on tertiary courses offered in Queensland, from www.qtac.edu.au

   The Tertiary Prerequisites book, provided by QTAC to all Year 10 students. This contains information on subject required for entry to tertiary courses.

   Tertiary Entry: Internal Year 12 Students without OPs is a handout that is available from the QTAC website www.qtac.edu.au . It explains how students who are not eligible for an OP can gain entry to tertiary courses.

   The Queensland TAFE Handbook is available at www.tafe.qld.gov.au

   Going to Uni: Higher Education for Students in Australia can be found at www.goingtouni.gov.au

The different types of subjects offered at the College are explained in this booklet. Make sure you read the subject descriptions carefully.

2. **Check out each subject fully**
   Take these steps to ensure you understand the content and requirements of each subject you are interested in:
   - Read subject descriptions and course outlines provided in this booklet.
   - Talk to Heads of Department and teachers of each subject. The Careers Expo, held annually in July, is an excellent opportunity for both parents and students to do this.
   - Look at books and materials used in the subject.
   - Listen carefully at subject selection talks.
   - Talk to students already studying the subject.

3. **Choose a combination of subjects that suits your needs and abilities**
   Traps to avoid:
   - Consider peoples' opinion of the subjects but do not make your decision on these only. Check the subjects for yourself.
   - Do not select subjects because they are the same ones your friends are selecting.

4. **Be prepared to ask for help**
   If you and your parent/guardians are still uncertain about the combination of subjects you have chosen, check again with some of the many people available to talk to – teachers, Heads of Department, Guidance Officer, Industry Liaison Officer, Deputy Principals, Principals. Don't be afraid to seek their assistance. They are all prepared to help.

Links between Subjects and Possible Careers

ENGLISH	MATHEMATICS	SCIENCE - PHYSICS	SCIENCE - CHEMISTRY
Actor	Accountant	Aerospace Engineer	Agronomist
Administrative Assistant	Aerospace Engineer	Air Force Technician/Officer	Agricultural Scientist
Advertising Account Executive	Agricultural Economist	Aircraft Maintenance Engineer	Anaesthetist
Advertising Manager	Agricultural Engineer	Air Traffic Controller	Aquaculture Technician
Anthropologist	Aircraft Maintenance Engineer	Architect	Biochemist
Archivist	Air Traffic Controller	Architectural Technician	Biomedical Engineer
Art Critic	Architect	Army Soldier-Technician/Officer	Biotechnologist
Arts Administrator	Astronomer	Astronomer	Chemical Engineer
Civil Celebrant	Auditor	Audio Visual Technician	Chemist
Clerical Officer – Local Govt	Bank Officer	Boiler Maker	Chemical Plant Operator
Copywriter	Building Contractor	Broadcasting Technician	Conservator
Court Recorder	Cartographer	Cable Joiner	Dietician
Cultural & Heritage Officer	Civil & Structural Engineer	Cartographer	Dispensary Technician
Desktop Publisher	Computer Engineer	Civil Engineer	Ecologist
Editor	Data Processing Operator	Computer Engineer	Environmental Engineer
Education Aide	Economist	Electrician	Environmental Health Officer
Film Critic	Electrical Engineer	Electrical Engineer	Environmental Scientist
Film & TV Editor	Electronics Engineer	Electronics Engineer	Food Technologist
Film, Stage & TV Director	Financial Dealer & Broker	Engineering Pattern Maker	Forensic Scientist
Funeral Attendant	Financial Planner	Forensic Scientist	Forester
Funeral Director	Gaming Worker	Geodetic Surveyor	Geneticist
Health Promotion Officer	Hospital Administrator	Geographer	Geologist
Hansard Reporter	Importer and Exporter	Geologist	Geophysicist
Historian	Industrial Designer	Geophysicist	Geoscience Technician
Interpreter	Industrial Engineer	GIS Officer	Heat Treater
Journalist	Insurance Agent	Geoscience Technician	Laboratory Worker
Law Clerk	Inventory & Supply Officer	Gunsmith	Medical Practioner
Lawyer	Investment Analyst	Hydrographer	Medical Laboratory Technician
Librarian	Logistics Clerk	Instrument Fitter	Medical Scientist
Library Assistant	Marine Surveyor	Kiln Operator	Metallurgist
Library Technician	Market Researcher	Laboratory Worker	Metal Surface Finisher
Literature Critic	Materials Engineer	Marine Engineer	Microbiologist
Marketing Officer	Mathematician	Marine Surveyor	Minerals Process Engineer
Media Presenter	Mechanical Engineer	Mechanical Engineer	Natural Resource Manager
Project/Program Administrator	Mechatronic Engineer	Mechanical Fitter	Nurse
Proofreader	Meteorologist	Metal Machinist	Nutrionist
Public Relations Officer	Mining Engineer	Mine Surveyor	Oceanographer
Publicity Agent	Naval Architect	Naval Architect	Patient Examiner
Public Servant	Optometrist	Navy Technical Sailor	Pathologist
Publisher	Physicist	Optical Mechanic	Pest & Weed Controller
Research Officer	Pilot	Petroleum/Gas Plant Operator	Petroleum/Gas Plant Operator
Secretary	Programmer	Physicist	Pharmacologist
Sociologist	Quantity Surveyor	Pilot	Pharmacist
Speech Pathologist	Radiation Therapist	Power Plant Operator	Physiologist
Stage Manager	Retail Buyer	Prosthetic/Orthotic Technician	Plastics/Composites Processor
Teacher	Sales Assistant	Radiation Therapist	Podiatrist
Theatre Critic	Ship's Master	Science Field Officer	Primary Products Inspector
Tour Guide	Software Engineer	Shipwright	Toxicologist
Tourist Information Officer	Sports Administrator	Sound Technician	Textile Technician
Transcript Typist	Statistician	Surveyor	Tissue Culture Technician
Translator	Stock & Station Agent	Telecommunication Technician	Veterinarian
Word Processing Operator	Surveyor	Toolmaker	Veterinary Nurse
Writer	Urban & Regional Planner	Welder	Water/Waste Water Plant
	Valuer		Winemaker

SCIENCE – BIOLOGY

Acupuncturist
Agricultural Engineer
Agricultural Scientist
Agricultural Technical Officer
Animal Attendant
Aquaculture Technician
Audiometrist
Audiologist
Biomedical Engineer
Biotechnologist
Botanist
Cardiac Technologist
Chiropractor
Dental Hygienist
Dental Technician
Dentist
Environmental Health Officer
Environmental Scientist
Farm Manager
Fisheries Officer
Florist
Food Technologist
Forensic Scientist
Forest Technical Officer
Greenkeeper
Health Information Manager
Laboratory Worker
Landscape Architect
Marine Biologist
Medical Imaging Technologist
Microbiologist
Medical Laboratory Technician
Medical Practioner
Medical Scientist
Natural Therapist
Nuclear Medicine Technologist
Nurse
Nutritionist
Obstetrician
Occupational Therapist

Optometrist
Paramedic
Pathologist
Physiotherapist
Psychologist
Pest & Weed Controller
Radiation Therapist
Speech Pathologist
Sports Scientist
Taxidermist
Tissue & Culture Technician
Toxicologist
Veterinarian
Veterinary Nurse
Winemaker
Zoologist

HISTORY

Administrative Assistant
Anthropologist
Archaeologist
Archivist
Arts Administrator
Conservator
Criminologist
Cultural & Heritage Officer
Editor
Foreign Affairs & Trade Officer
Historian
Industrial Relations Officer
Journalist
Law Clerk
Lawyer
Librarian
Library Technician
Museum Curator
Museum Officer
Parliamentarian
Political Scientist
Public Servant
Publisher
Records/Information Manager
Religious Leader
Research Officer
Sociologist
Tour Guide
Tourist Information Officer
Writer

LANGUAGES

Adult Migrant Teacher
Anthropologist
Archaeologist
Captioner
Customs & Border Protection
Customs Broker
Customs Clerk
Flight Attendant
Foreign Affairs & Trade Officer

Foreign Correspondent
Hansard Reporter
Historian
Hotel Manager
Immigration Officer
Importer & Exporter
Interpreter
Linguist
Police Officer
Ship's Master
Speech Pathologist
Teacher
Tour Guide
Tourist Information Officer
Medical Practioner
Medical Scientist

PHYSICAL EDUCATION

Air Force General Entrant
Ambulance Officer
Army Soldier
Builder's Labourer
Dancer
Dietician
Diver
Firefighter
Fitness Instructor
Health Promotion Officer
Jockey
Lifeguard
Navy Sailor
Nutrionist
Police Officer
Physiotherapist
Recreation Officer
Sports Coach
Sports Commentator
Sports Development Officer
Sport & Exercise Psychologist
Sportsperson
Sports Journalist
Sports Medicine Practioner
Sports Physiologist
Sports Scientist
Stunt Performer
Teacher
Weight Loss Counsellor

INDUSTRIAL DESIGN

Craftsperson
Technician
Musical Instrument Maker
Picture Framer
Product Assembler
Steel Fixer
Architect
Boilermaker
Building Contractor

Cabinet Maker
Carpenter
Engineer
Fitter
Glazier
Furniture Polisher
Industrial Designer
Jeweller
Joiner
Locksmith
Marine Engineer
Panel Beater
Roofer
Sheet Metal Worker
Mechanic
Welder

THE ARTS

Actor
Announcer
Artist
Arts Administrator
Auctioneer
Audio Visual Technician
Casting Director
Choral Director
Choreographer
Composer
Conductor
Dancer
Director of Photography
Film Critic
Film & TV Camera Operator
Film & TV Editor
Film & TV Lighting Operator
Film & TV Producer
Floor Manager
Make Up Artist
Model
Music Arranger
Music Critic
Musical Director
Musical Instrument Maker
Musician
Piano Tuner
Producer's Assistant
Production Crew Member
Publicity Agent
Scriptwriter
Set Designer
Singer
Sound Technician
Stagehand
Stage Manager
Teacher
Theatre Critic
Theatrical Costume Maker
Wardrobe Supervisor

TEXTILES & FOOD

Butcher
Caterer
Clothing & Furniture Producer
Chef
Childcare Worker
Confectioner
Dietician/Nutrionist
Events Coordinator
Fashion Designer
Food Process Work/Technician
Interior Decorator/Designer
Kitchenhand
Pastry Cook
Sewing Machinist
Teacher

BUSINESS	INFORMATION TECH	MEDIA STUDIES	HOSPITALITY
Accountant	Air Force Technician/Officer	Actor	Airline Passenger Officer
Accounts Clerk	Analyst (IT)	Animator	Baker
Advertising Account Executive	Analyst Programmer	Arts Administrator	Bar Attendant
Advertising Manager	Applications Systems Analyst	Audio Visual Technician	Bar Manager
Admin. Assistant	Army Soldier – Technician	Copywriter	Barista
Arts Administrator	Army Officer	Cultural & Heritage Officer	Caravan Park Attendant
Bank Officer	Business Equip Technician	Desktop Publisher	Caterer
Brand Manager	Business Systems Analyst	Editor	Chauffeur
Bursar	Clinical Coder	Film & TV Camera Operator	Chef
Business Systems Analyst	Communications Technician	Film & TV Editor	Club Manager
Company Secretary	Computer Engineer	Film & TV Lighting Operator	Concierge
Compliance Officer	Computer Systems Auditor	Film & TV Producer	Cook
Conveyancer	Computer Tester	Film & TV Producer's Assistant	Croupier
Copywriter	Data Modeller	Film Critic/Reviewer	Events Coordinator
Credit Officer	Data processing operator	Film, Stage & TV Director	Flight Attendant
Customs Broker	Database Administrator	Games Developer	Front Office Attendant
Data Processing Officer	Electronics Technician	Graphic Designer	Gaming Worker
Economist	Electronics Engineer	Graphics Prepress Person	Hotel Manager
Export Clerk	Games Developer	Illustrator	Kitchen Hand
Finance Manager	GIS Officer	Journalist	Maitre D'
Financial Dealer & Broker	Health Informatician	Make-Up Artist	Pastry Cook
Foreign Affairs & Trade Officer	Health Information Manager	Media Planner	Porter
Hospital Administrator	Industrial Engineer	Media Presenter	Rider Operator
Hotel Manager	IT Support Technician	Multimedia Developer	Room Attendant
Human Resources Officer	IT Administrator	Photographer	Sales Assistant
Import Clerk	IT Manager	Production Crew Member	Sommeller
Importer & Exporter	IT Security Analyst	Projectionist	Tour Guide
Industrial Relations Officer	Management Consultant	Proofreader	Tourism Manager
Inventory & Supply Officer	Mathematician	Publisher	Tourist Information Manager
Investment Analyst	Mechatronic Engineer	Radio Producer	Travel Consultant
Logistics Clerk	Meteorological Technician	Set Designer	Valet
Management Consultant	Multimedia Developer	Sign Maker	Waiter
Market Researcher	Navy Technical Sailor	Sound Technician	**HEALTH**
Marketing Officer	Navy Officer	Stage Manager	Environmental Health Officer
Occupational Health & Safety	Network Administrator	Theatre Mechanist	Fitness Instructor
Office Administrator	Network Analyst	Costume Maker & Designer	Health Information Manager
Operations Researcher	Network Designer	Web Designer/Developer	Health Promotion Officer
Public Relations Officer	Operations Researcher	Writer	Herbalist
Publisher	Patent Examiner	**HEALTH**	Homeopath
Real Estate Agent	Project/Program Administrator	Aged Care Worker	Massage Therapist
Receptionist	Programmer	Anaesthetist	Medical Imaging Technologist
Recruitment Consultant	Records Manager	Anaesthetic Technician	Medical Laboratory Scientist
Retail Buyer	Sales Representative (IT)	Aromatherapist	Medical Laboratory Technician
Retail Manager	Software Engineer	Audiometrist	Medical Practioner
Sales Manager	Statistician	Audiologist	Naturopath
Secretary	Systems Administrator	Biomedical Engineer	Nurse
Settlement Clerk	Systems Architect	Cardiac Technologist	Occupational Therapist
Shipping Clerk	Systems Designer (IT)	Chiropractor	Operating Theatre Technician
Sports Administrator	Teacher	Clinical Coder	Optical Dispenser
Stockbroker	Web Designer/Developer	Counsellor	Optometrist
Taxation Agent	Web Administrator	Dental Assistant	Paramedic
Telemarketer	Word Processing Operator	Dental Hygenist	Personal Care Worker
Trade Union Official		Dental Prosthetist	Physiotherapist
Training Officer		Dietician	Prosthetist/Orthotist
Transport Administrator		Dispensary Technician	Psychiatrist/Psychologist
Treasurer		Disability Services Instructor	Speech Pathologist
		Diversional Therapist	Surgeon

UPPER COOMERA STATE COLLEGE ACADEMY PROGRAMS

Application Only

STEM ACADEMY

Faculty: STEM

WHY APPLY:

The STEM Academy is a high performance academic program for students who show ability, initiative and a strong commitment to academic success and have a desire to further their skills particularly in Science, Technology, Engineering and Maths. In return, Academy students are provided with an innovative extension curriculum, fantastic resources and opportunities, access to practicing academics and a dynamic teaching team.

This program will provide a challenging curriculum aimed at extending students knowledge, creativity, innovation and problem solving skills to future proof them for modern society. The UCSC STEM Academy has classes from Year 7 through to Year 9 with a particular focus on developing the STEM capabilities both within their core curriculum as well as through unique programs and learning opportunities.

Students in the program will complete the same core subjects as mandated by the Australian Curriculum plus they must choose STEM Engineering, a project based learning subject, as their first semester elective (see page 29).

The program will be supported not only by UCSC staff, but also by experts and mentors from Griffith University, industry and the community to ensure STEM Academy students are exposed to, and supported by a relevant, engaging and meaningful curriculum program.

STEM Academy students have the opportunity to participate in a range of extra-curricular opportunities including state and national academic competitions, workshops and programs run by Griffith University, as well as exclusive access to a range of UCSC resources. STEM Academy students have a greater chance of being selected for the RISE Program.

SELECTION PROCESS

Selection into STEM Academy is achieved by completing an online application which can be found on the college website under ‘Academy Programs’.

USER PAYS SUBJECT FEES: $100

FURTHER ADVICE:

Program Manager: Julia Cullen- HOD Science and STEM
Phone: 07 5580 7555
Email: jcull12@eq.edu.au

SPORTS ACADEMY
(SPORTS EXCELLENCE - FUTURE STARS)

Faculty: Health & Physical Education

WHY APPLY:

UCSC, in partnership with the Gold Coast Academy of Sport, offers a unique sporting excellence program for year 7 - 9 students, specifically designed to deliver quality outcomes to quality athletes. The program is designed for student athletes who are dedicated to succeeding in both the sporting and academic arenas. The Future Stars Program accepts students from a range of sporting backgrounds. Lessons are focussed around fitness development, theory units designed to both help individual sporting performance as well as prepare students for senior study and finally practical units where students participate in a range of sports.

Please note: the use of technology in sport will be covered across both Year A and Year B in a variety of units plus a specific unit in semester 1 in both years. This is essential in preparing students for the rigours of senior subjects and beyond.

The Future Stars Program in year 8 and 9 is an application based subject with students undertaking 4 x 70 minute lessons per week for the entire year. It is a composite class that rotates through a two year curriculum.

COURSE OUTLINE: Year A

SEMESTER 1	SEMESTER 2
• Principles of Training • Aquatics • Safety in Sport • Volleyball • Fitness Training • Technology in Sport • Negotiated sport	• Sport Nutrition / inclusive of a practical element • Badminton • Sport Psychology • Touch Football • Fitness Training • Negotiated sport

Year B

SEMESTER 1	SEMESTER 2
• Coaching • Aquatics • Badminton • Touch Football • Fitness Training • Technology in Sport • Negotiated sport	• Risky Behaviours • Volleyball • Money, Media & Sport • Sport Aerobics • Fitness Training • Negotiated sport

ASSESSMENT:

The assessment program will include a variety of assessment techniques which are integrated with the practical learning experiences. Students will be required to undertake research reports, essays, exams and practical assessments.

HOMEWORK AND STUDY:

It is expected that students will need to complete approximately one hour of homework/study each week due to the demands of this subject.

PATHWAYS:

This program is designed to foster the abilities of elite and pre-elite athletes both in their chosen sport within and out of the school context as well as prepare them for study in Physical Education based subjects in senior schooling.

USER PAYS SUBJECT FEES: $300

SELECTION PROCESS

Selection into Sports Academy is achieved by completing an online application which can be found on the college website under 'Academy Programs'.

FURTHER ADVICE:

Head of Department: Ashley Adams

Phone: 07 5580 7555

Email: aadam174@eq.edu.au

THE CREATIVE ARTS SIGNATURE PROGRAM

Faculty: The Arts

WHY APPLY

The Creative Arts Signature Program is a collaborative, innovative and industry relevant course of study for students who excel in the Creative Arts. With access to industry standard equipment and resources, students are provided with unlimited opportunities to excel in their creative field whilst being able to attain academic success. Designed for students who have a passion for The Arts our creative environment offers budding **dance**, **drama**, **music**, **art** and **film** students an opportunity to pursue their interests with other like-minded students.

WHAT THE PROGRAM OFFERS STUDENTS:

- Individualised and differentiated instruction based on the Creative Arts
- An opportunity to experiment creatively, develop skills and communicate artistic ideas
- Increased participation and access to Creative Arts subjects and facilities
- Access to teachers who have industry experience
- Specialised learning environment for students in core subjects for optimal outcomes
- An individual mentor who will meet regularly with the student to offer advice and guidance
- Excursions to arts events throughout the year that will benefit the students' education of the Arts
- Mentor workshops with local artists in their specific field
- Participation in school events (e.g. Big Night Out) to showcase their talents

STUDENT COMMITMENTS:

Students entering the program must be willing to:

- Respect teachers and fellow students
- Be punctual and prepared for all lessons
- Maintain a high level of school attendance in order to maintain learning standards
- Maintain high uniform standards in line with the UCSC dress code. Students are expected to wear full day formal uniform to any events held outside of the College (excursions, competitions etc)
- Submit all assessment complete and by the due date
- Display high levels of behaviour at all times, with all UCSC staff (teaching and non-teaching), contract and supply teachers
- Be part of the Student Resource Scheme (allowing us to supplement many activities)
- Attend and or participate in all College/Arts events

SELECTION PROCESS:

Selection into the Creative Arts Program is achieved by completing an online application which can be found on the college website under 'Signature Programs.'

PREREQUISITES:

Students are to be undertaking Arts based elective subjects to be able to apply for the program.

USER PAYS SUBJECT FEES: $100

FURTHER ADVICE:

Program Manager: Nicole Hughes- Arts Head of Department
Phone: 07 5580 7555
Email: nhugh21@eq.edu.au

COMPULSORY SUBJECTS

ENGLISH

Faculty: English

WHY STUDY:

The study of English is central to the learning and development of all young Australians. It helps create confident communicators, imaginative thinkers and informed citizens. It is through the study of English that individuals learn to analyse, understand, communicate with and build relationships with others and with the world around them. It helps them become ethical, thoughtful, informed and active members of society. English plays an important part in developing the understanding, attitudes and capabilities of those who will take responsibility for Australia's future.

COURSE OUTLINE:

SEMESTER 1	SEMESTER 2
• **Unit 1: Exploring different perspectives** • **Unit 2:** Interpreting speculative fiction texts: *Novel study*	**Unit 3:** Exploring ethical issues and manipulating language for effect: *Drama script* **Unit 4:** Evaluating characters in a novel

ASSESSMENT:

Students undertake a variety of assessment tasks, which may include the following:

- **Written assessment:** Comprehending an information text; Memoir; Imaginative written interview script; Analytical essay
- **Spoken assessment:** Panel Discussion; Persuasive dramatisation

HOMEWORK AND STUDY:

It is expected that students will need to complete approximately 2 hours of homework/study each week due to the demands of this subject.

PATHWAYS:

The study of English helps young people develop the knowledge and skills needed for education, training and the workplace. Possible Career Pathways: Journalism, Advertising, Law, Teaching, Politics, Author, Librarian, Researcher, Personal Assistant, Marketing, Tourism, Trade. The possibilities are limitless with a good result in English.

USER PAYS SUBJECT FEES: NIL

Students may be required to attend excursions such as theatrical performances, which will incur a small cost for transport and/or admission.

FURTHER ADVICE:

Head of Department: Heidi Whitsed
Phone: 07 5580 5524
Email: hwhit103@eq.edu.au

MATHEMATICS

Faculty: Mathematics

WHY STUDY:

Mathematics in Year 9 builds upon and extends the mathematical concepts learnt in Year 8. The subject looks at the concepts previously studied and develops them to a deeper and more intricate level.

COURSE OUTLINE:

SEMESTER 1	SEMESTER 2
• Number • Algebra • Geometric reasoning • Rates and Ratio • Linear and Non-linear Relationships • Area, Surface Area & Volume	• Probability • Statistics • Pythagoras & Trigonometry • Financial Maths

ASSESSMENT:

Students will be required to undertake written tasks that will include exams and Problem Solving and Modelling Tasks (PSMT). Assessment items will be graded according to three areas: Knowledge & Procedures, Modelling & Problem Solving, and Communication & Justification.

HOMEWORK AND STUDY:

It is expected that students will need to complete approximately 2 hours of homework/study each week due to the demands of this subject.

PATHWAYS:

Students who achieve a B or better in Year 9 Mathematics will be eligible to study Advanced Maths in Year 10, which allows for selection of Math Methods and Specialist Maths in Year 11. Students who achieve a C or lower will be able to select Mathematics in Year 10, which allows for selection of General Maths or Essential Maths in Year 11. Careers in most fields require a sound knowledge of Mathematics.

USER PAYS SUBJECT FEES: NIL

Students must have their own scientific calculator.

FURTHER ADVICE:

Head of Department: Ryan Baldwin
Phone: 07 5580 7680
Email: rjbal0@eq.edu.au

SCIENCE

Faculty: Science

WHY STUDY:

Science provides an empirical way of answering interesting and important questions about the biological, physical and technological world. The knowledge it produces has proved to be a reliable basis for action in our personal, social and economic lives. Science is a dynamic, collaborative and creative human endeavour arising from our desire to make sense of our world through exploring the unknown, investigating universal mysteries, making predictions and solving problems. Science aims to understand a large number of observations in terms of a much smaller number of broad principles. Science knowledge is contestable and is revised, refined and extended as new evidence arises.

COURSE OUTLINE:

SEMESTER 1	SEMESTER 2
Physical science: Students examine how different forms of energy can be transferred in a variety of ways through different mediums. **Biological science:** Students will study ecosystems and how organisms respond to these environments.	**Chemical science:** Students will examine that all matter is made of atoms which are composed of protons, neutrons and electrons and investigate how chemical reactions relate to the non-living and living systems. **Earth and space science:** Students will study how the theory of plate tectonics explains global patterns of geological activity and continental movement.

ASSESSMENT:

The assessment program will include a variety of assessment techniques which are integrated with the learning experiences. Students will be required to undertake written tasks, such as exams and reports, and extended experimental investigations.

HOMEWORK AND STUDY:

It is expected that students will need to complete approximately 1.5 hours of homework/study each week due to the demands of this subject.

PATHWAYS:

This is a generic introduction to the specific sciences of Biology, Chemistry and Physics. These applied sciences afford students an excellent grounding in the understanding of real world applications with a strong emphasis on cross curricular linkages.

USER PAYS SUBJECT FEES: NIL

FURTHER ADVICE:

Head of Department: Julia Cullen
Phone: 07 5580 7555
Email: jcull12@eq.edu.au

HISTORY

Faculty: Humanities

WHY STUDY:

History is a disciplined process of inquiry into the past that develops students' curiosity and imagination. It promotes the understanding of societies, events, movements and developments that have shaped humanity from earliest times. History has its own methods and procedures which make it different from other ways of understanding human experience. The process of historical inquiry develops transferable skills, such as the ability to ask relevant questions; critically analyse and interpret sources; consider context; respect and explain different perspectives; develop and substantiate interpretations and communicate effectively.

COURSE OUTLINE:

TERM 3	TERM 4
FRENCH REVOLUTION Students investigate the French Revolution as a movement with people fighting for their rights and also to be heard and acknowledged by the government at the time.	**WORLD WAR 1** Students will examine the causes and key events of the Great War. They will explore Australia's involvement, with a specific focus on the Anzac Legend, and the nature of warfare in World War I, as well as the impacts of this war on Australia and why this is such a significant part of Australia's history.

ASSESSMENT:

Students will complete a range of assessment pieces including an argumentative essay and a response to stimulus exam

HOMEWORK AND STUDY:

It is expected that students will need to complete approximately 1 hour of homework/study each week due to the demands of this subject.

PATHWAYS:

This subject is part of the foundation in the Years 7-12 History program. It establishes the necessary skills of communication, research and analysis which underpin the study of history at all levels.

USER PAYS SUBJECT FEES: NIL

Students may participate in enrichment activities which will incur a small cost for transport and/or admission.

FURTHER ADVICE:

Head of Department: Koda Whitney
Phone: 07 5580 7525
Email: kwhit445@eq.edu.au

CIVICS and CITIZENSHIP

Faculty: Humanities

WHY STUDY:
Civics and Citizenship builds students' understanding of Australia's political system and how it enables change. Students examine the ways political parties, interest groups, media and individuals influence government and decision-making processes. They investigate the features and principles of Australia's court system, including its role in applying and interpreting Australian law. Students also examine global connectedness and how this is shaping contemporary Australian society.

COURSE OUTLINE:

TERM 2
Laws and Citizens – Australian Court System Students will investigate Australia's political system and how it enables change. Students examine the ways political parties, interest groups, media and individuals influence government and decision-making processes. They investigate the features and principles of Australia's court system, including its role in applying and interpreting Australian law.

ASSESSMENT:
Students will complete a range of assessment pieces which will include both formative tasks and an extended written response.

HOMEWORK AND STUDY:
It is expected that students will need to complete approximately 1 hour of homework/study each week due to the demands of this subject.

PATHWAYS:
This subject provides students with the foundation knowledge and skills to be successful in senior Humanities subjects, specifically Legal Studies. Civics and Citizenship is an excellent foundation subject for students wishing to pursue tertiary study as it develops the necessary skills of communication, research and analysis which underpin all university courses.

USER PAYS SUBJECT FEES: NIL
Students may participate in enrichment activities which may incur minimal costs.

FURTHER ADVICE:
Head of Department: Koda Whitney
Phone: 07 5580 7525
Email: kwhit445@eq.edu.au

GEOGRAPHY

Faculty: Humanities

WHY STUDY:

Geography is a structured way of exploring, analysing and understanding the characteristics of the places that make up our world, using the concepts of place, space, environment, interconnection, sustainability, scale and change. It addresses scales from the personal to the global and time periods from a few years to thousands of years. Geography integrates knowledge from the natural sciences, social sciences and humanities to build a holistic understanding of the world. Students learn to question why the world is the way it is, reflect on their relationships with and responsibilities for that world, and propose actions designed to shape a socially just and sustainable future.

COURSE OUTLINE:

TERM 1
BIOMES AND FOOD SECURITY Students will investigate the role of the biotic environment and its role in food and fibre production. They will examine the biomes of the world, their alteration and significance as a source of food and fibre, and the environmental challenges and constraints on expanding food production in the future. These distinctive aspects of biomes, food production and food security are investigated using studies drawn from Australia and across the world.

ASSESSMENT:

Students will complete a range of assessment pieces which will include formative tasks and a response to stimulus exam.

HOMEWORK AND STUDY:

It is expected that students will need to complete approximately 1 hour of homework/study each week due to the demands of this subject.

PATHWAYS:

This subject provides students with the foundation knowledge and skills to be successful in senior Humanities and Science subjects. Geography is an excellent foundation subject for students wishing to pursue tertiary study as it develops the necessary skills of communication, research and analysis which underpin all university courses.

USER PAYS SUBJECT FEES: NIL

Students may participate in enrichment activities which may incur minimal costs.

FURTHER ADVICE:

Head of Department: Koda Whitney
Phone: 07 5580 7525
Email: kwhit445@eq.edu.au

HEALTH AND PHYSICAL EDUCATION

Faculty: Health & Physical Education

WHY STUDY:

Health and Physical Education is a compulsory subject with 2 x 70 minute lessons per week for the entire year. Practical and theory units are integrated with the weighting of assessment being 50% for theory and 50% for practical.

Students use their interests in and experiences of health and physical activity issues to explore how the dimensions of health are dynamic, interrelated and interdependent. They develop the knowledge, skills, processes and dispositions to promote health and wellbeing, actively engage in physical activity and enhance personal development. They recognise that capabilities in health, movement and personal development can provide career opportunities and improve quality of life.

COURSE OUTLINE:

SEMESTER 1	**SEMESTER 2**
• Excellence in Health (Active Aussies) • Respectful Relationships • Fitness • Touch Football/Soccer/Basketball	• My Social Responsibility • Sustainable Health Choices • Ultimate Disc • AFL

ASSESSMENT:

The assessment program will include a variety of assessment techniques which are integrated with the practical learning experiences. Students will be required to undertake research reports, essays, exams and practical assessments.

HOMEWORK AND STUDY:

There are weekly homework tasks set and it is an expectation that students will complete one hour of homework per week.

PATHWAYS:

Health and Physical Education is an important subject for the further development of team building and coordination. It encourages students to live a healthy lifestyle they can then maintain for life. Future careers in this area can also include: Sports Scientist, HPE Teacher, Biomechanics, Fitness Instructor, Aerobics Instructor, Personal Trainer, Massage Therapist, Sports Psychologist, Physiotherapist, Podiatrist, Team Manager, Sports Management, and Coach.

USER PAYS SUBJECT FEES: NIL

Access to a computer and printer, as well as an internet connection, at home is highly desirable. Most research for this subject will be done online.

FURTHER ADVICE:

Head of Department: Ashley Adams
Phone: 07 5580 7555
Email: aadam174@eq.edu.au

ELECTIVE SUBJECTS

DANCE

Faculty: The Arts

WHY STUDY:

Dance provides opportunities for students to critically examine their experiences and understandings of dance and dance forms, exploring the interrelationship between practical and theoretical aspects of dance. As they study and participate in various dance contexts, genres and styles, students develop as creative, complex thinkers, effective communicators, reflective and independent learners and participants in an interdependent world. Students learn to choreograph, perform and appreciate dance works. With a focus on the use of the body as the instrument of communication and expression, Dance education fosters the development of special interests and talents not emphasised in other educational areas.

COURSE OUTLINE:

SEMESTER 1	SEMESTER 2
• Commercial Dance – performance and written analysis exam • Fusion – performance and choreography manipulation exploring cultural styles	• Emotional response – contemporary choreography • Film Clips – film, choreography and exam

ASSESSMENT:

Assessable skills are: Creating, Presenting, Responding, Reflecting, Knowledge and Understanding. Students will complete practical and written theoretical tasks.

HOMEWORK AND STUDY:

Students are expected to work on their choreography and performances in their own time as well as class time. Students will also need to write written reflections.

PATHWAYS:

This course prepares students with skills that will be used in Year 10 dance. In Years 11 and 12 students can choose Authority Dance or Authority Registered Dance. This course is flexible as it is geared to University, TAFE, and occupations such as Choreographer, Performer, Critic, Teacher, Dance Therapist, Photography and Film industries, Music and Fitness Instructors.

USER PAYS SUBJECT FEES: NIL

Students are to wear practical clothing appropriate to dance in. A UCSC Dance T-shirt is available for purchase.

FURTHER ADVICE:

Head of Department: Nicole Hughes
Phone: 07 5580 7555
Email: nhugh21@eq.edu.au

DRAMA

Faculty: The Arts

WHY STUDY:

Drama is an art form that is highly accessible and relevant to young people. It challenges students to make meaning of their world. Through improvisation, role play and dramatic play, students develop their artistic and creative skills which are transferrable to a variety of artistic, social and work related contexts.

COURSE OUTLINE:

SEMESTER 1	SEMESTER 2
Who Am I, and Why Am I Here? • Exploring scripted drama • Developing character and relationships • Understanding the purpose of subtext and motivation **Fractured Fairy Tales** • Studying the structure of a narrative • Manipulating mood and setting • Learning stage types and directions	**Make Em Think** • Exploring the elements of collage drama • Drama as a way to express our thoughts **Make Em Laugh** • Developing humour in performances • Creating a melodrama • Exploring farce and slapstick

ASSESSMENT:

Students need to be aware that drama is a highly practical subject which involves performance before a teacher, peers and at times a wider audience. In addition, half the assessment is written, therefore sound skills in written communication or a willingness to build these skills is desirable.

There are three areas of assessment in drama.

- Generating: Students create short scripts or characters, improvisation
- Realizing: Students perform student devised or prepared scripts.
- Responding: Reviewing performances, dramatic elements exam.

HOMEWORK AND STUDY:

Students are expected to learn lines of script and create character profiles for homework. They will be required to study in small groups prior to performances and create short scenes.

PATHWAYS:

Drama will help to develop the student's self-confidence and public speaking skills.

USER PAYS SUBJECT FEES: Nil

FURTHER ADVICE:

Head of Department: Nicole Hughes
Phone: 07 5580 7555
Email: nhugh21@eq.edu.au

ENGINEERING PRINCIPLES AND SYSTEMS – STEM Engineering

Faculty: Technologies

WHY STUDY:
Learning in Design and Technologies builds on concepts, skills and processes developed in earlier years, students use design and technologies knowledge and understanding, processes and production skills and design thinking to produce designed solutions to identified needs or opportunities of relevance to individuals and regional and global communities. Students work independently and collaboratively. Problem-solving activities acknowledge the complexities of contemporary life and make connections to related specialised occupations and further study in Engineering.

COURSE OUTLINE:
STEM Engineering ITD is linked to the other areas of Science, Technology Engineering and Maths. It will focus on developing problem solving, technical and practical skills. During the course students will have the opportunity to work in the design workshop environment on projects in the areas of Manufacturing, Rapid prototyping, 3D printing and Digital CAD Design. Students will also have the opportunity to manipulate and test materials, systems, components, tools and equipment using laser and CNC machines.

TERM 1	TERM 2
• CAD (Computer Aided Drafting Design • 3D Printing Rapid Prototyping • Laser cutting 2D to 3D • CNC Shaping • Eco Village	• CAD (Computer Aided Drafting Design • 3D Printing Rapid Prototyping • Laser cutting 2D to 3D • Edge lit Electronics • Bluetooth portable speaker

ASSESSMENT:
Combination of theoretical and practical outcomes will be assessed throughout the duration of the course these include, design folios, related theory and class projects.

HOMEWORK AND STUDY:
It is expected that students will need to complete approximately 30 min of homework/study each week; however, as this subject has a strong practical emphasis most study will be done in class at school.

PATHWAYS:
This subject prepares students for the senior subjects of Digital Manufacturing and Engineering Principles and Systems ITD subjects

USER PAYS SUBJECT FEES: $35 (semester)
Engineering Principles and Systems incurs a $35.00 surcharge per student per semester to help cover the cost of consumable/materials provided for practical assessment tasks. *STEM Academy student fees cover the cost of STEM Engineering.*

FURTHER ADVICE:
It is an OH&S requirement in the workshops that all students wear safety glasses and leather lace up shoes with substantial uppers (*no runners, canvas or slip on*) at all times. Students must be able to follow and act on the direct instruction from the teacher at all times. Failure to comply with this will lead to an OH&S retraining program and possible exclusion from the elective.

Head of Department: Heath White
Phone: 5580 7555
Email: hwhit65@eq.edu.au

MATERIALS and TECHNOLOGIES SPECIALISATIONS 1 – General Shop Studies

Faculty: Technologies

WHY STUDY:
General Shop Studies is a practical subject and requires students to have an interest in using their hands, tools, and machinery to create high quality products. Due to the nature of the subject and the exposure to hand and power tools, machinery and various potentially harmful materials, students must be able to follow instructions.

COURSE OUTLINE:
General Shop Studies will focus on developing your problem solving, technical and practical skills. During the course you will have the opportunity to work on projects in the areas of Manufacturing, Woodworking, Fitting and Fabrication, Thermoforming Plastics, Thermosetting Plastics, Injection Moulding and Sheet Metal Fabrication.

SEMESTER 1	SEMESTER 2
• Cake Slice (*Acrylic*) • Resin Embedment	• Acoustic Speaker • Sheet Metal • CO2 Soda Powered Balsa Racing Cars

ASSESSMENT:
Combination of theoretical and practical outcomes will be assessed throughout the duration of the course these include, design folios, related theory and class projects.

HOMEWORK AND STUDY:
It is expected that students will need to complete approximately 30 min of homework/study each week; however, as this subject has a strong practical emphasis most study will be done in class at school.

PATHWAYS:
This subject prepares students for the senior subjects of Manufacturing, Building & Construction Studies, Engineering Fabrication studies and Industrial Graphics. These subjects can complement VET Certification and can contribute senior QCE points.

USER PAYS SUBJECT FEES: $75 (year) $35 (semester)

FURTHER ADVICE:
It is an OH&S requirement in the workshops that all students wear safety glasses and leather lace up shoes with substantial uppers (*no runners, canvas or slip on*) at all times. Students must be able to follow and act on the direct instruction from the teacher at all times. Failure to comply with this will lead to an OH&S retraining program and possible exclusion from the elective.

Head of Department: Heath White
Phone: 5580 7555
Email: hwhit65@eq.edu.au

FOOD AND FIBRE PRODUCTION

Faculty: Technologies

WHY STUDY:

Food

Students will gain an understanding of all aspects of basic nutrition and practical cookery including equipment, measuring, recipe interpretation and cookery skills. Students will conduct a number food experiments as well as preparing a variety of food items.

Textiles

Students will gain an understanding off all aspects of basic sewing including equipment, use of sewing machine, fibres, and fabrics. Students will produce a textile item.

COURSE OUTLINE:

Students will study this subject for six months.

SEMESTER 1	SEMESTER 2
• Term 1 Food • Term 2 Textiles	• Term 1 Food • Term 2 Textiles

ASSESSMENT:

A variety of assessment will be set including written examinations, work plans, practical examinations and process journal.

HOMEWORK AND STUDY:

It is expected that students will need to complete approximately 1 hour of homework/study each week due to the demands of this subject.

PATHWAYS:

This subject leads into year 10,11,12 Catering, Certificate II in Hospitality in Years 11 and 12. Occupations that follow from this course include Hotel Management, chef, health department officer, nutritionist and a range of positions within the hospitality industry.

USER PAYS SUBJECT FEES:

- **$120** levy for yearlong subject selection.
- **$75** for semester/half year subject selection

(The levy covers all food items for one term only and textiles material for 1 term only).

Students will need to purchase a display folder, stationery and A4 lined paper.

FURTHER ADVICE:

Head of Department: Heath White
Phone: 55807555
Email: hwhit65@eq.edu.au

JAPANESE

This subject must be studied for the full year. It cannot be selected as just a Semester Elective.

Faculty: Languages

WHY STUDY: Learning additional languages widens horizons, broadens cognitive and cultural experience, develops communication and intercultural understandings and opens up new perspectives for students, not only in relation to other cultures and languages, but also to their own language and cultural practices.

COURSE OUTLINE:

SEMESTER 1	SEMESTER 2
FAIRY TALES Students learn about Japanese folktales, comparing to fairy tales in their own culture. They create and present their own fairy tale **LIVING IN JAPAN** Students will learn how to go shopping, use transport and understand directions.	**HOUSE AND GARDEN** Students will learn about the various housing styles and gardens and compare with their own. **POP CULTURE** Students will develop language to convey their opinions on pop culture and express comparisons about various aspects of pop culture both in Australia and Japan. They will develop an interactive pop culture museum.

ASSESSMENT:

Students will complete assessment in the four macro skills of reading, writing, listening and speaking.

HOMEWORK AND STUDY:

It is expected that students will need to complete approximately 1 hour of homework/study each week in order to be successful in this subject.

PATHWAYS:

Japanese as a second language is highly valued by a diverse range of employers as the global nature of industry and the growth of Asian markets creates a high demand for multilingual employees. The internet, social media, trade and commerce have brought Australians into closer relationships and more frequent interactions with people of other cultures, countries and communities. Career pathways may include the tourism industry, international relations, translator, teacher, flight attendant, engineering, hospitality, foreign affairs or politics.

USER PAYS SUBJECT FEES: NIL

Students may participate in enrichment activities, which will incur a small cost for transport and/or admission.

FURTHER ADVICE:

Head of Department: Koda Whitney
Phone: 07 5580 7525
Email: kwhit445@eq.edu.au

ECONOMICS and BUSINESS STUDIES

Faculty: Humanities/Business

WHY STUDY:

Year 9 Economics and Business (ECB) takes on a student-centred approach to learning to promote confident, competent and self-motivated users and consumers of Business and Technology. Business prepares learners for their senior phase of learning in a range of contemporary real-life contexts. Business learning involves a range of experiences that provide knowledge, processes and skills contributing to vocational pathways and development of students in their role as active informed citizens.

This course has been developed as a foundation to Business subjects from Years 10-12, which enables students to become exposed to the vast number of pathways Business can take you. The students will gain valuable industry related experiences and enhance their knowledge through hands on activities.

This course will run for one semester only with students selecting to study another elective for the remaining portion of the year.

COURSE OUTLINE:

TERM 1	TERM 2
UNIT 1 – CIRCULAR ECONOMY Students study the global economy, specifically focusing on the two and five sector circular flow model, consumers and producers, and supply and demand **UNIT 2 – INTERNATIONAL BUSINESS** Students study the global economy, specifically focusing on Reasons we compete in a global economy, Hofstede's Cultural Dimensions and Business Etiquette	**UNIT 3 – PERSONAL FINANCE** Students explore the topic of personal finance including the different ways of earning money, including getting a job and allowing money to grow. Budgeting and personal financial goals have also been investigated and how spending can impact on these financial goals. **UNIT 4 – MARKETING** Students explore the 4Ps – Product, Price, Place and Promotion - and the 4Cs of Marketing – Customer Solution, Cost to the Consumer, Convenience and Communication

ASSESSMENT:

Students will complete a variety of tasks including visual and research reports, a brochure and a multimedia presentation.

HOMEWORK AND STUDY:

It is expected that students will need to complete approximately 1 hour of homework/study each week in order to be successful in this subject.

PATHWAYS:

This course has been developed as a foundation to Business subjects studied in Years 10-12, which enables students to become exposed to the vast number of pathways Business can take you.

USER PAYS SUBJECT FEES: NIL

FURTHER ADVICE:

Head of Department: Koda Whitney
Phone: 07 5580 7525
Email: kwhit445@eq.edu.au

DIGITAL TECHNOLOGIES

Faculty: Technologies

WHY STUDY:

Australia needs enterprising and innovative individuals with the ability to make discerning decisions concerning the development, use and impact of technologies. The Digital Technologies learning area prepare students to be effective problem-solvers as they learn about and work with contemporary and emerging technologies.
Learning in Digital Technologies provides students with opportunities to create, construct and repurpose solutions that are relevant in a world where technologies are transforming entertainment, education, business, manufacturing and many other industries.

COURSE OUTLINE:

SEMESTER 1	SEMESTER 2
The Art of code ○ Block bases coding in Scratch as a starter ○ Transition to text-based coding in Python ○ Code works of art **Coding with Minecraft** ○ Core computer programming concepts and computational thinking skills ○ Combine a variety of computer programming skills in a structured, linear approach to build a city with road networks, buildings, a park, a zoo, and a wind farm in your Minecraft world—all through coding.	**Physical Computing with BBC Micro:bit** ○ The BBC micro:bit is a handheld, programmable micro-computer that can be used for all sorts of creations, from robots to musical instruments. ○ Many creative possibilities to design and create through making, building, crafting and construction. **Robotics with the Vex V5** ○ Learn about a variety of robotic machinery and electronic parts and develop your logical thinking and design skills. ○ Solve real-world challenges with a robotic solution

ASSESSMENT:

Assessment is based on what products students make and what processes they use to make the product. The quality of the product and the calibre of the processes used, combine to provide an overall level of achievement.

HOMEWORK AND STUDY:

It is expected that students will need to complete approximately 1 hour of homework/study each week in order to be successful in this subject.

PATHWAYS:

This course has been developed as a foundation to Digital and Design Technologies subjects from Years 10-12, which enables students to become exposed to the vast number of pathways Technologies can take you.

USER PAYS SUBJECT FEES: $35

FURTHER ADVICE:

Head of Department: Heath White
Phone: 55807555
Email: hwhit65@eq.edu.au

MEDIA STUDIES

Faculty: The Arts

WHY STUDY:

Media Studies provides opportunities and challenges for students to develop their skills as critical analysers, users and producers of digital media. Students develop the skills and understanding for both the practical and theory elements of media, whilst engaging in a variety of basic filmmaking processes including the design of storyboards, creating scripts, editing and filming.

COURSE OUTLINE:

SEMESTER 1	SEMESTER 2
• **The world of Animation.** This unit investigates animation as a visual medium. Students build upon their knowledge of genres by developing their own animations using the codes and conventions from a genre of their choice.	• **At the movies.** The final unit of study sees students review a range of films in the style of a television show. Students film and edit their own movie review show to present a professional looking television show in the style of 'At the Movies'.

ASSESSMENT:

Assessable skills are: Creating, Presenting, Responding, Reflecting, Knowledge and Understanding. Students will complete practical and written theoretical tasks.

HOMEWORK AND STUDY:

Students are expected to work on their design and productions in their own time as well as class time. Students will also need to write written reflections on their learning.

PATHWAYS:

This course prepares students with skills that will be used in Year 10 Film & Television. This program gives students the skills and knowledge to successfully follow onto tertiary education. There are many different careers where a course/degree in Film and TV can be advantageous such as Marketing, Business and Education. Other career pathways are: Journalist, Film Editor, Film and Television Director, Producer, Screenwriter, Cinematographer, Production Designer, Sound Designer.

USER PAYS SUBJECT FEES: NIL

Students are encouraged to purchase some materials for practical use in the animation units such as clay, wire, felt etc.

FURTHER ADVICE:

Head of Department: Nicole Hughes
Phone: 07 5580 7555
Email: nhugh21@eq.edu.au

MUSIC

Faculty: The Arts

WHY STUDY:

This course allows you to become the best musician you can be. Students get to perform music of the teachers and students choice. They create their own songs and learn to analyse the components of music. It is advisable to:

- Have a love of all styles of music
- Be dedicated when learning a new instrument for the first time.

COURSE OUTLINE:

SEMESTER 1	SEMESTER 2
Music – What is it? Students study the fundamentals of music through musical analysis, notation and performance. Students will spend time on guitar, keyboard and their instrument of choice. They will work independently and in small groups to create and perform music.	**Music – Life as a Musician** Students will progress through varying levels of difficulty and complexity in musical analysis, notation and performance. Students will complete analysis tasks and they will continue to develop their skills on a number of instruments. Creativity will be completed on digital technologies such as Musescore or Garage Band.

ASSESSMENT:

- Theory
- Performance in groups and individual tasks
- Creativity piece

All three dimensions are equally weighted.

HOMEWORK AND STUDY:

It is expected that students will practice and work on their performance and creativity tasks at home.

PATHWAYS:

This course leads to Year 10 music (if you achieve above a C standard) and then onto Music and Music Studies in Years 11 and 12.

USER PAYS SUBJECT FEES: NIL

FURTHER ADVICE:

Head of Department: Nicole Hughes
Phone: 07 5580 7555
Email: nhugh21@eq.edu.au

VISUAL ART

Faculty: The Arts

WHY STUDY:

The visual images created through diagrams, pictures and symbols represent a powerful and persuasive means of communication. When students study Art they are learning to be visually literate. It is this visual literacy which enhances students' capabilities to think, create and question, and provide skills to interpret and express ideas.

COURSE OUTLINE:

SEMESTER 1	SEMESTER 2
Popular Culture Folio Clay sculpture Installation Exam Screen print mural	**Realism** Folio Resolved Drawing Written Analysis **Abstract** Folio Resolved multimedia drawing and print Exam

ASSESSMENT:

Students are assessed on their making and appraising ability. Assessment includes folios of making, resolved artwork and an exam.

HOMEWORK AND STUDY:

It is expected that students will complete drawings and collect objects for homework. Private study for exams is expected.

PATHWAYS:

In Years 10, 11 and 12 students will extend their visual arts capacity and will be given the opportunity to explore their own passions in 2D and 3D art in their selected medium. Students must have a willingness to spend time practising Art beyond lesson time. It is advisable that Art be taken in Year 10 to build skills if students intend to study Art in Years 11 and 12. Careers include: Architect, Interior Design, Advertising, Photography, Gallery Director, Fashion Designer, Layout Artist, Art Dealer, Window Dresser, Beautician, Illustrator, Graphic Design, Cartoonist, Digital Design for Games and Webpages.

USER PAYS SUBJECT FEES: $35 (semester) $75 (Full Year)

FURTHER ADVICE:

Head of Department: Nicole Hughes
Phone: 07 5580 7555
Email: nhugh21@eq.edu.au