
THE JANNALI HIGH SCHOOL



YEAR 10 – 2019

Course Descriptions for **Subject Selection** for Line 7



iSTEM



Music



Dance



Commerce

COMMERCE

What is this subject about?

This course aims to give students an understanding of the commercial, financial and legal world. Students will examine both Australian and international studies and develop an understanding of their role as a consumer, producer, worker, owner, manager, unionist, taxpayer and global citizen. Students will also become familiar with the concepts and skills of e-Commerce. Specifically, the course develops knowledge and an understanding of contemporary issues, the effect of computer technology, setting up and running a business, the role of government, the legal system and modern retailing techniques.



Students undertake investigative fieldwork through excursions (Darling Harbour Retail Centre, Downing Centre Courts, Reserve Bank of Australia). They will also develop practical skills such as how to complete relevant commercial forms and data which they will encounter throughout their lives. Financial literacy (Commonwealth Bank Program) is also an important part of the course.

Who should choose Commerce? All students should have the opportunity to undertake this course because of the concepts involved which relate to future everyday commercial activities. These include such aspects as personal finance, the legal system, consumerism and the operation of the business world. This subject provides elementary knowledge for the popular Stage 6 HSC subjects such as Business Studies, Legal Studies and Economics.

Year 11/12 courses: Accountancy, Business Studies, Economics, Legal Studies, Society and Culture. VET Courses include Business Services, Hospitality Operations, Information Technology, Retail Operations and Tourism.

DESIGN & TECHNOLOGY

What is this subject about?

D&T is about learning how to design, learning why and how professionals design and designing and making your designs. Much is in the practical room. This is a new course for Year 10. There are already classes in Years 11 and 12.

Who should choose Design & Technology?

Students should choose this subject if you have an interest in designing and why things are designed the way they are, either professionally or for every-day life. You will gain many useful skills and insights into the world around you.

These skills can be used in areas such as engineering, architecture, interior designing, graphic and advertising industries, fashion designing and product designing such as furniture.

This course is a combination of 1) learning designing skills, 2) making your own designs, and 3) the theory of design.

1 Skills you will learn include:

- Research skills
- Model making
- Drawing and sketching – don't worry if you say "I can't draw". We'll teach you some skills and much is on computers.
- Practical skills – these will include a selection of skills which may include video, animation, presentation, wood and metal print layout, photography and "photoshopping" and computer drawing and architecture skills and 3D printing.



2 We will design and make a series 3-5 project. The skills you need to make these will be taught to you in class.

These projects may change but at the moment we are looking at making projects selected from:

- A small jewellery box in wood
- A mirror frame in wood and mosaics
- A short animation and/or video
- An engineering style project
- An architecture or interior design
- A magazine or web-based publication
- A personal slide show presentation
- A small jewellery project based on the 3D printer and/or wood and metal
- A food truck design

3 We will also study some theory which includes studying existing designers such as fashion, interior, furniture and engineering designers, legalities of designing like copyright and WHS implications and factors affecting design.

DRAMA

What is this subject about?

Drama is a course for students in Years 9 and 10, who have an interest in-group performances and in expressing themselves through various types of dramatic activity. Drama aims to increase their communication skills and to help them gain greater self-confidence.



Improvisation and play building will form an important part of the course, as well as the exploration of mime and movement. Students will also have opportunities to see films, videos and live theatre related to the course. Students will gain insight into various theatrical forms e.g. puppetry, mask, video and other styles of theatre, through theoretical study and performance. They will be examined on these and their knowledge of theatre conventions and stagecraft. Assessment will include exams, assignments, log writing and performance.

Who should choose Drama? This course is highly suitable for students who excel in practical work and enjoy working individually or with groups on a variety of movement activities.

Future careers would include actor, stage management/production, set/costume/ lighting design, Casting Director, Film Stage and Television Director, Make-Up Artist (Theatrical), Scriptwriter, Teacher, Wardrobe Supervisor, Film Editor, Recreation Officer.

Year 11 and 12 courses: 2 Unit Drama, VET Entertainment (2 Unit).

FOOD TECHNOLOGY

What is this subject about?

Students learn about food and its role in relation to the individual, family and workplace. The course consists of a core component and 8 focus areas which are integrated into between 4 and 8 units of work over the two years. Students undertake a variety of practical experiences which develop a broad knowledge of food properties, food processing, food and the law, catering, and food and nutrition. Students prepare and present food enabling them to select and use appropriate ingredients, methods and equipment. Students will complete an Espresso Coffee Course as part of their study.

Who should choose Food Technology? Students who enjoy working with food and any student interested in a career in the food / hospitality industry.

Year 11/12 courses: Food Technology, VET – Hospitality.



ELECTIVE GEOGRAPHY

What is the subject about?

Elective Geography is a Board Developed 100 hour course for Year 10. This course will be offered at The Jannali High School in 2018.



The aim of the Elective Geography is to stimulate students' interest in and engagement with the world. Using an inquiry approach students investigate the physical, social, cultural, economic and political influences on people, places and environments, from local to global scales.

Students build a holistic understanding of world issues and develop greater awareness of global citizenship. Through fieldwork / excursions students gain the skills to conduct meaningful investigations and develop practical solutions that may solve global issues.

The topics covered can include:

- Practical Physical Geography
- Oceanography -
- Global Citizenship
- Political Geography
- Explorer Geography

Who Should Choose Elective Geography?

The Elective Geography course will have a strong focus on investigation and fieldwork that encourages students to be active and informed citizens who are able to evaluate the opinions of others and express their own ideas and arguments.

Year 11/12 courses:

Elective Geography provides student with the opportunity to apply enquiry skills that enable students to analyse and interpret information to reach conclusions. It is therefore a valuable course for any student considering Humanities in the senior years.

INDUSTRIAL TECHNOLOGY – MULTIMEDIA / DIGITAL PHOTOGRAPHY

What is this subject about?

The Multimedia and Digital Photography course provides opportunities for students to develop knowledge, understanding and skills in relation to all areas of multimedia. The majority of the course is hands on practical. Students work through a range of practical projects but also learn the theory needed to produce quality projects.

These may include:

- Video Production including animation and special effects
- Advertising signage and advertising presentations – glossy magazine design
- Movie promotion and movie trailer design
- Freehand sketching and storyboards
- Photographic presentations and photo journalism
- Animation and cartoon production and 3D graphics.
- Sound production and manipulation.
- Multimedia rich web page – design and development
- Multi Media marketing and advertising



Resources.

Most of the software used at school is also available for students to use at home. As well, the school has extensive industry standard hardware including; cameras, green screen, 3D printers and professional lighting.

Who should choose Industrial Technology - Multimedia?

Multimedia careers are increasing all of the time with movie, gaming, website, sound and graphics production houses setting up in Australia. As well skills learnt in MM can be used in many other areas Y11 & 12 subject presentations and for home use fun. So MM skills can improve your marks in other Y10, 11 & 12 subjects and in university courses.

Students should choose this subject if you have an interest in using and developing your creative and problem solving skills and also if you enjoy a practical, project based approach to learning. Students should also choose this subject if considering a future vocation in the multimedia or graphic design industry.

Year 11/12 courses

Industrial Technology - Multimedia may help students who intend to study HSC courses such as Design and Technology; Information Processes and Technology; and also provides pathways in many vocational courses through TAFE.

INDUSTRIAL TECHNOLOGY – TIMBER

What is this subject about?

The major emphasis of Industrial Technology is on students being actively involved in the planning, development and construction of quality practical projects. Students will undertake a range of practical experiences that occupy the majority of course time. Practical experiences will be used to develop knowledge and understanding of designing, producing and evaluating.

Industrial Technology - Timber equips students with the confidence to be able to plan and carry out timber practical tasks.

Industrial Technology - Timber provides opportunities for students to develop knowledge, understanding and skills in relation to the timber industry such as cabinetmaking and carpentry.

Practical projects may include:

- Furniture items such as coffee tables, tables, and chairs
- Decorative timber products such as jewellery boxes
- Storage and transportation products such as carry boxes and hanging shelf
- Turned bowls and lamps



Who should choose Industrial Technology - Timber?

Students should choose this subject if you have an interest in using and developing your creative and problem solving skills using Industrial Technology - Timber and also if you enjoy a practical, project based approach to learning. Students should also choose this subject if considering a future vocation in the carpentry, wood machining or building construction industry.

Year 11/12 courses:

Industrial Technology - Timber may help students who intend to study HSC courses such as Design and Technology; Industrial Technology and VET Construction; and also provides pathways in many vocational courses through TAFE.

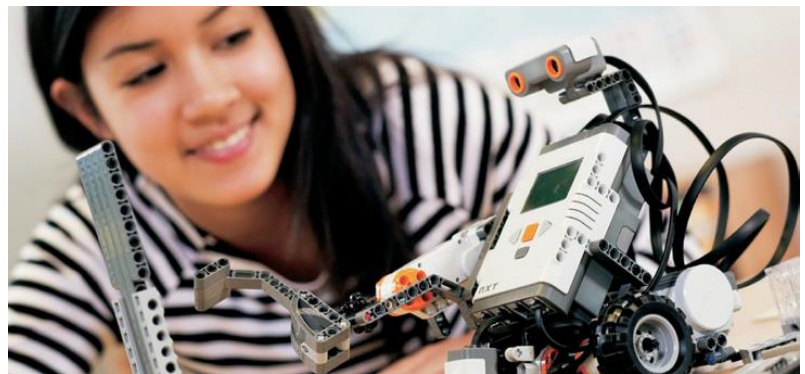
INFORMATION and SOFTWARE TECHNOLOGY

What is this subject about?

Information and Software Technology is a practical computing course that assists students to develop the knowledge, understanding and skills to solve problems in real life situations. Through practical and group tasks students develop information and software technology-based solutions. Creative skills are extended through students' practical involvement in individual and group projects that are completed using information and software technology and digital equipment.

There are five units to be completed. These include:

- Authoring and Multimedia
- Database Design
- Internet and Website design and development
- Robotics and Automated Systems
- Digital Media



Student projects may include:

- Personal Profile Multimedia Blog – Desktop publishing and multimedia editing
- My Business DVD / Video hire – Spreadsheet and database
- Holiday Resort Advertising Campaign – Photograph creation and editing, Website design, Desktop publishing and multimedia editing
- Mars Explorer robot development – Lego Mind storms, Lego software, software programming, robotics
- Movie trailer / web advertisements – Website design, Video editing, Desktop publishing and multimedia editing

Who should choose Information and Software Technology?

Students should choose this subject if you have an interest in using and developing your creative skills using information technology and if you enjoy a practical project based approach to learning. Students should also choose this subject if you wish to gain sound information technology skills which are used in many HSC subjects and vocations.

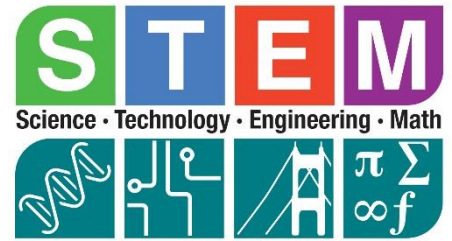
Year 11/12 courses

Information and Software Technology may help students who intend to study HSC courses such as Software Design and Development; Information Processes and Technology; Design and Technology; Engineering Studies, and also provides pathways in many vocational courses through TAFE.

iSTEM

What is this subject about?

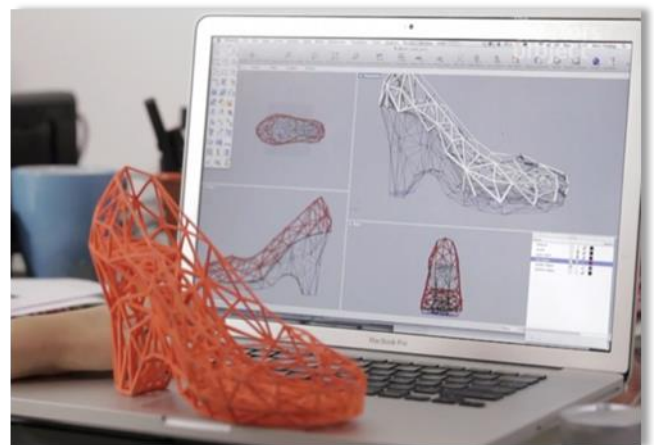
The main purpose of this endorsed course is to better engage students in science, technology, engineering and mathematics. It is meant to challenge and excite students with the possibilities of the future. It involves many future focussed learning opportunities and emphasises inquiry based learning where students are encouraged to learn by doing and working collaboratively. It is doing problem solving that involves maths, science and making with real situations.



iSTEM seeks to address the need for STEM knowledge and skills in the Australian workforce and is intended to foster interest and future enrolments in STEM subjects in years 11 and 12 and tertiary education.

iSTEM challenges students to solve problems for a broad range of topics using a project based approach. Topics in this course may include:

- STEM Fundamentals
- Aerodynamics
- 3D Computer Aided Design/ Computer Aided Manufacturing
- Motion
- Statistics in Action
- Mechatronics
- Surveying



Who should choose iSTEM?

Students with a genuine interest in investigating engineering principles, manufacturing technologies and designing to solve real-world problems. Students willing to work in dynamic groups may enjoy sharing their accumulated expertise in the subject matter and competing amongst other class members and even other schools around the state.

iSTEM will provide a fundamental understanding of project management, evaluation and engineering concepts for students intending to study HSC courses such as Design and Technology and Engineering Studies.

Year 11/12 courses: Design and Technology, Engineering Studies.

ITALIAN

What is this subject about?

This course gives a basic introduction to Italian language and culture, which will build a foundation for students' future study, travel or employment opportunities. Students will learn language topics such as

- What's your name?
- How old are you?
- Where do you live?
- What's the time?

Students will also have the opportunity to experience aspects of Italian culture and cuisine which will include excursions and incursions.

The study of Italian will teach students valuable interpersonal and communication skills, greater awareness of English and literacy skills, and greater socio-cultural understanding. With further study, students can become proficient in a language other than English – a skill that is becoming increasingly more beneficial in our globalised society.

Who should choose Italian? The ability to communicate in more than one language will give any student an advantage for their future employment opportunities.

In particular, Italian will be useful for students who want to study or are interested in

- Foreign languages and cultures / Linguistics
- Tourism
- International studies / International relations
- Ancient history / European history
- Art history / Art
- Music
- Legal studies / Law
- Religious studies
- Literature / English
- And many other fields including fashion, design, architecture, hospitality, commerce, teaching etc



Year 11/12 courses: Italian Beginners, Ancient History, Society and Culture, VET Tourism

MARINE AND AQUACULTURE TECHNOLOGY (100 HOUR)

What is this subject about?

This subject aims to improve students' awareness of the marine environment. Students will learn about:

- Natural marine systems and conservation
- Water safety and snorkelling skills
- Marine leisure activities, including fishing and boating
- Marine safety and marine hazards
- Marine industries and employment opportunities
- Aquaculture systems and sustainability

There is a mix of theory and practical activities and hands-on tasks that will develop skills and competencies in a range of areas. Students may participate in fishing rod construction, fishing lure construction, aquarium maintenance and fishing.

Who should choose Marine and Aquaculture Technology (MAT)?

This course will benefit students interested in the marine environment, marine conservation or marine activities. It will also make students aware of areas of employment related to the marine industry.

Year 11/12 courses:

Marine Studies, Biology, Investigating Science.



MUSIC

What is this subject about?

Students will learn about the Concepts of Music through:

- **Performing:** Students will learn to perform a variety of music on an instrument of their choice and/or voice. Students will have the opportunity of performing as a soloist as well as part of a group.
- **Composing:** Students will learn to experiment, create and perform their own original musical pieces.
- **Listening:** Students will listen to a wide range of music and learn to aurally analyse the music.

Topics studied may include:

- Australian Music (compulsory topic)
- Popular Music
- Rock Music
- Music for Radio, Film, Television and Multimedia
- Music and Technology
- Music of a Culture
- Music for Small Ensembles
- Music for Large Ensembles
- Baroque Music
- Classical Music
- Jazz



Students are given many opportunities to perform in class and at other events such as Music Art & Drama (MAD) night, performance evenings, local concerts and some official functions, eg Presentation Night, Open Night and Formal Assemblies.

Who should choose Music? If you enjoy or are talented at music, then this is the course for you! You should consider Music if you already can or would like to learn to sing or play a musical instrument. Music is important for those who have careers in areas such as Performance, Advertising, Film, Radio, TV, Dance, Acting, Hospitality, Public Relations and Teaching.

Year 11/12 courses: Music 1, Music 2, Music Extension (offered on approval)

PHYSICAL ACTIVITY and SPORTS STUDIES (PASS)

What is this subject about?

Physical Activity and Sports Studies represents a broad view of physical activity and the many possible contexts in which individuals can build activity into their lifestyle. It incorporates a wide range of lifelong physical activities, including recreational, leisure and adventure pursuits, competitive and non-competitive games, individual and group physical fitness activities, and the use of physical activity for therapy and remediation.

This course promotes the concept of learning through movement. Many aspects of the course can be explored through participation in selected movement applications in which students experience, examine, analyse and apply new understanding. Students are encouraged to specialise and study areas in depth, to work towards a particular performance goal, pursue a formal qualification or examine an issue of interest related to the physical, emotional, social, cultural or scientific dimensions of physical activity and sport.

Who should choose Physical Activity and Sports Studies? Recreation, physical activity, sport and related health fields provide legitimate career pathways. This course provides students with a broad understanding of the multifaceted nature of these fields. It also introduces students to valuable and marketable skills in organisation, enterprise, leadership and communication. Students with these skills will be positioned to make a strong contribution to their community as physical activity and sport provides a major context for paid work across Australia.



Students who take this elective may be looking for careers in areas such as:

- Nursing
- Sports Coaching
- Teaching
- Fitness industry workers
- Sports medicine
- Physiotherapy and administration
- Leisure and recreation officers
- Event management

Year 11/12 courses: PD/Health/PE, Community and Family Studies, Sport Lifestyle & Recreation

TEXTILES TECHNOLOGY

What is this subject about?

The program encourages students to:

- Design, construct and manufacture innovative textile products.
- Manage resources applicable to design, planning construction and manufacture of textiles.
- Experiment with dyes and paints in fabric colouration.
- Show creativity and originality in the design of garments, fabrics and techniques.
- Develop competence in the use of fibres, yarns and fabrics.
- Develop proficiency in the use of textile related materials and equipment.
- Make informed consumer choices.
- Use a computer to design and publish.

Who should choose Textiles Technology? Textiles Technology will benefit students interested in fashion drawing, fashion designing, interior design, computer-assisted design and design in general.

Year 11/12 courses: Textiles Technology



VISUAL ARTS

What is this subject about?

Visual Arts students are involved in problem solving and decision making experiences, and the creation of Two-Dimensional Art (drawings, paintings, mixed-media, photographs, printmaking, computer generated art and design), Three-Dimensional Art (sculpture, ceramics), and Four-Dimensional Art (Computer art or film making).



In Visual Arts students are provided with experiences in making artworks and studying artworks from a historical and critical perspective. The focus of such activities is based around the learning of art concepts, art language, the Elements and Principles of Design, the Frames of Reference, the Conceptual Framework and Artistic Practice.

The themes addressed in Year 9 and in Year 10 change each year, eg “Civilisation: Aspects and Identity”.

The main focus of assessment is on the creation of a Body of Work, which will reflect the student’s artistic skills, and knowledge of Artist Practices. In addition, students will be expected to maintain a Visual Arts Process Diary, research art, and attempt a written examination.

Who should choose Visual Arts? Visual Arts places great value on the development of students’ intellectual and practical independence, reflective action, critical judgement and understanding of art in art making and in critical and historical studies.

This course is ideal for someone who has a desire to give visual form to their ideas, and has a passion for creativity. Elective Visual Arts provides opportunities for students to further their study in the HSC, and at the tertiary level in courses such as Architecture, Civil Engineering, Town Planning, Commercial Art, Medicine, Graphic Design, Advertising, Photography, Fashion Design, Visual Communications, Multi Media Studies, Beauty Therapy, Art Gallery Management, Film making, and Journalism, to just name a few.

Year 11/12 courses: Visual Design, Photography, Ceramics, Visual Arts.

WORLD HISTORY



What is this subject about?

The aim of the Elective History syllabus is to give students a broader knowledge of the past but in a fun and challenging way without the restrictions of prescriptive syllabi and examination needs. Elective History takes the Big Picture approach and makes links between periods of History that the students would otherwise not see. World History is also global in its scope. Students explore the nature of history and the methods that historians use to construct history through a range of thematic and historical studies. Students develop an understanding of how historians investigate and construct history through an examination of various types of history such as oral history, museum or archive studies, historical fiction, media, biography or film. Individuals who have changed the course of History are put under the microscope for example Ivan the Terrible and Rasputin.

There are 2 Assessment tasks each semester but they are different in style to the Mandatory course. A previous example has been to create a dialogue between the defence and prosecutor at the Trial of Marie Antoinette, based on historically accurate facts.

The Topics covered include:

- Forensic Archaeology
- Samurai and Shoguns
- Heroes and Villains
- Crime and Punishment
- The Rise of Terrorism

Who Should Choose Elective History? The Elective History course will look beyond the classroom walls to engage students in craft activities, excursions, cultural activities, museum exhibits and the viewing of Historical films. It is open to all students who have a desire to learn about the past

Year 11/12 courses: Elective History develops essay writing, analytical, comprehension and debating skills. It is therefore a valuable course for any student considering Humanities courses in the senior years.