



OVERVIEW OF COURSES FOR YEAR 10 2016

All Year 10 students will complete an educational program that covers the main learning areas that include English, Health & Physical Education, Languages, Mathematics, Science and Humanities and Social Science (HaSS).

SPECIALIST PROGRAMS

Students from any school are eligible to apply for the Specialist Programs. If you would like to apply for a Specialist Program and require information or an application form/s, please contact us on 9206 6555. Application forms can also be downloaded from our website, or picked up from our reception.

Specialist Australian Rules Football

10PFS1/2

The Specialist Football Program at Wanneroo Secondary College provides students who have a passion for the game an opportunity to develop football skills as part of a recreational or career pathway. What are the aims of the Program? The program aims to support all students by creating an environment which is inclusive, friendly and enables them to develop their football skills under quality coaching and at a level of competition which suits their abilities at any given stage of their development.



Students wishing to apply for the Australian Rules Football Program at Wanneroo Secondary College can enter at Years 7, 8, 9 and 10. Students are able to apply from any location, as school boundaries do not apply. The program is a Department of Education Specialist Program, the only one in the West Perth District.

Specialist Performing Arts

SPA (10ASPA1/2) DANCE (10ASDC1/2) DRAMA (10ASDRA1/2) MUSIC (10AMi1/2)

Students enrolled in the Performing Arts Program gain a sound general education, extension in their area of talent and interest and enrichment in personal growth through development of life skills, imagination, creativity, a commitment to quality, adaptability and flexibility. Students will participate in performance and production of staged shows.

Specialist Performing Art skills enhance self-confidence, initiative and maturity and provide a realistic understanding of vocational requirements.



Students enrolled in this program will focus on two of the three courses, Drama, Dance or Music, and how they incorporate into performance and production.

ELITE PROGRAMS

Students from any school are eligible to apply for the Elite Programs. If you would like to apply for an Elite Program and require information or an application form/s, please contact us on 9206 6555. Application forms can also be downloaded from our website.

Instrumental Music

10AMi1/2

Students who elected the instrumental music course in year 8 are expected to continue their study with S.I.M. and the instrumental course. New students to the school who have experience in playing a musical instrument or are currently undergoing lessons are invited to enrol in this course. Year 10 acts as the foundation course for Year 11 ATAR Music by using a modified Year 11 General Music Course of Study.

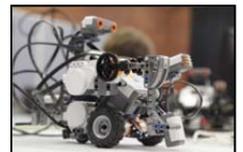


Robotics

10TDR1/2

The need for students to learn more about robotics and technology has never been more important. We live in a world of increasing technological change and the opportunities for students with skills and knowledge in these areas is advantageous for their future employment prospects.

In this subject students will design and construct their own electronic chip. They will design and create input and output devices that attach to their chip to perform robotic functions such as moving, sensing, turning and switching. Students will take part in design challenges that cater for students of all abilities. They will design attachments and use sensors to satisfy a design brief such as a simple lighting or security system. Electronic and mechanical engineering principles are taught throughout the course.



LANGUAGES

Japanese

10LJ1/2

Year 10 students with an interest in Japanese will learn basic language skills and study cultural differences.

Need more information? Ask the teachers: Mr McKenzie

HEALTH AND PHYSICAL EDUCATION

In Semester 1, all students will participate in General Physical Education where they will be exposed to a range of different sports like Hockey, Badminton, Tennis and Gymnastics and learn the basic skills and game plans.

In Semester 2, Year 10 students with an interest in these subjects can choose to focus on learning basic skills and game strategies of either Basketball or Football, they could choose Physical Recreation or they could continue on with General PE.

Basketball

10PPB

Australian Rules Football

10PFB

Physical Recreation

10PPR



General Physical Education

10PE2



Physical Recreation

This subject is the alternative to the traditional sports of General Physical Education. It will give the students the opportunity to be exposed to a range of recreational activities that may include Table Tennis, Orienteering, Lawn Bowls, Ten Pin Bowling and Dark Light.

Need more information? Ask the teachers:

Mr Sloper, Mr Brewer, Mr Harris, Mr Minton or Miss Barnes

THE ARTS

THE VISUAL ARTS



The Visual Arts is an area that focuses on developing artistic practical skills as well as student's ability to question the world around them through the form of artistic expression. Students will be encouraged to not only create original artworks, but begin to explore and question themes in contemporary society. The skills learned within the Visual Arts are essential for young adults seeking careers in areas such as comic and book illustration, fashion and communication design, architecture, makeup artistry, advertising, school art teacher, art therapist and more. Skills learned will also support any students interested in careers in Design such as special effects artist, animator, costume designer, set designer, tattoo artist, sign maker, Jeweller, T-shirt designer, florist, fashion designer, car designer, product designer etc. All units contain practical and written components, and are recommended for any student wishing to study Visual Art in Senior School.

Painting

10ARTP

In this unit students have the opportunity to develop their painting skills in a range of artistic genres, ranging from traditional styles to contemporary techniques and themes. Building on students existing knowledge of colour mixing and paint application, students will explore how to create artworks that investigate issues relevant to modern society, and how to create meaning through their use of the elements and principles of art. This unit involves a greater emphasis on developing art analysis skills with a focus on written work, providing a sound basis for students wishing to continue art into Senior School.

Drawing **10ARTD**

Developing strong drawing skills is essential for ideas and design development within the Visual Arts, as well as many other design based industries. Students will explore a variety of illustrative 2D media and engage with a range of art styles and themes ranging from traditional to contemporary techniques and themes, exploring ideas that are relevant to modern society. Skills learned in this unit can be applied in industries such as graphic design, communication, advertising and illustration. This unit involves a greater emphasis on developing art analysis skills with a focus on written work, providing a sound basis for students wishing to continue art into Senior School.

Printmaking And Textiles **10ARTPT**

Students will develop their drawing skills into pop culture inspired designs, motivated by contemporary issues and trends. They will then adapt these designs into lino printing, etching or screen printing projects. These fine arts projects can then be extended to cater to aspects of the graphic and fashion design industry. This unit involves a greater emphasis on developing art analysis skills with a focus on written work, providing a sound basis for students wishing to continue art into Senior School

Need more Information? Ask the teachers: Ms Dixon, Ms Shepherd or Ms Davies

THE PERFORMING ARTS



The Performing Arts looks at performances from previous eras and encourages students to create and perform their own. The courses expect students to investigate, create, and perform covered and original works in a variety of contexts that include in-class performances or special school occasions. Reading and writing acts as an integral part of all courses; investigating texts, lyrics, case studies, or plays makes up a large sum of each course, and these skills are developed in the planning process for all performances. Students who excel in general courses will be approached to audition for the Specialist Performing Arts program to develop their skills in specialised classes; students who wish to audition for these classes are also encouraged to approach the Performing Arts team. More information on SPA classes can be found at Student Services.

General Dance **10ADA**

Students study the genre of Contemporary dance, including Hip-Hop and Bollywood, through a modified version of the WACE General Dance (upper-school course of study). They explore contemporary dance as a creative art form, learning to look beyond some traditional conventions of dance and appreciating not only what dance looks like but how it is created. Students learn technique and explore choreographic devices, followed by contributing to a whole class routine, which includes their original choreography for performance. Assessments include journal entries, a research assignment, choreography, and in-class performances.

General Drama **10ADR**

Students will engage in Drama tasks which involve improvisation, self-devised drama, and interpretation of extracts of plays and other texts. Much of their work will be in groups encouraging them to build their teamwork skills. Assessments involve performing short excerpts from scripted and original works in front of an audience, as well as backstage and historical assessments.

General Music

10AMU

This music course is designed for general students who are not currently learning an instrument privately. Basic piano and guitar skills are learnt while students learn and perform cover songs of current artists for the class. Computer-based mixing using Garageband, Virtual DJ, and other programs are used to mix and create original songs. Classes also include listening tasks, song-writing assessments, and historical and genre-based investigations.

Media 10AME

Students will complete a variety of tasks within the context of Television. They will look at target audience, codes and conventions of film and television, as well as plan, produce and evaluate their own original television series using cameras and computers. Assessments include; folio of work and video of television episode.

Need more Information? Ask the teachers below:

Sheila Randall (HOLA), Matthew Bell, John Foreman, Claire McIlroy, John McPherson

TECHNOLOGY & ENTERPRISE

—BUSINESS STUDIES & INFORMATION TECHNOLOGY—



Workplace Computers

10TBW

This subject is for those students interested in learning graphic editing techniques for Photoshop and Publisher to produce magazines, newsletters and brochures for an office environment. Student will also use Stop Motion Pro and Movie Maker to develop video editing and animation techniques.

Webpage Design and Animation

10TBA

Students will further develop graphic editing and animation skills to digitally manipulate graphics and create animations. Students will plan the content of webpages utilising basic elements and principles of design. The digital content will be incorporated into a website using the Dreamweaver interface as well as an introduction to HTML coding.

Software Technology

10TBS

This subject is designed to ensure that students develop graphic editing and animation skills. Students will be introduced to the Adobe Suite eg Fireworks where they will learn to digitally manipulate pictures and use Flash to produce animation text and pictures. This unit provides a sound foundation for those students interested in multimedia.

Need more Information? Ask the teachers: Mr N.Smith, Mr Mylonas (Head of Technology & Enterprise)

DESIGN & TECHNOLOGY - THE PRACTICAL CHOICE



Design and Technology is an area of specialist education in which students are given the opportunity to take part in a number of exciting and rewarding practical activities. The subjects extend the beginnings of a formalised approach to design.

All subjects provide boys and girls with knowledge and skills that can be used in their future careers and in pursuit of recreational activities. Students intending to continue study in Year 11 and 12 can develop the necessary skills, knowledge and understandings that prepare them for study in WACE Courses in Design and Technology education.

Wood Technology 10TDW

In this subject students are encouraged to take a significant part in decision making, design and problem solving. Part of the subject is structured to develop expertise in process skills and related knowledge while the remainder of the subject encourages individual development. This subject helps students to become confident and self-reliant and teaches them problem solving skills relevant to all Design and Technology subjects. Students studying this subject in semester 2 are guided by individual development. Structured activities are maximised in order to help students gain success but there is still the opportunity for individual project design. Both Woodwork courses in Year 10 are a good introduction to senior school Materials, Design & Technology - Wood as well as being a subject to develop skills to be used for leisure, TAFE or woodwork in later life.



Metals Technology 10TDM

In this subject students develop self-confidence through assembly type projects requiring reasonable precision and the manipulative use of specialised equipment, machinery, power tools and hand tools. New skills include use of machinery such as metal lathes, benders and saws. Students independently use an array of skills, processes and techniques such as welding, bending, riveting and sawing in the design and construction of projects. Structured activities are kept to a minimum to allow students to develop their own projects and activities using the design process.

Jewellery Design 10TDJ

Through the elements and principles of design, students will create articles of jewellery that will be developed to a theme. Students will be involved in utilising a range of skills in jewellery making which will include stone setting and casting techniques for the production of jewellery. Students are taught skills such as filing, shaping, soldering, applying textures and finishes to a range of materials including brass, copper, nickel silver, glass and wood to produce rings, bracelets, pendants etc. Students will develop an understanding of the trends and influences in jewellery design.

Photography

10TDP

This subject teaches students to use a variety of camera techniques compact using single lens reflex cameras and digital technologies. Students are encouraged to photograph their subjects using the basic principles of picture taking to create exciting and unique pictures. There is a high practical content in the course and students are 'challenged' to experiment with techniques and photographic composition. Computer digital photography is used to assist with student challenges and to manipulate and edit images ready for printing or uploading to the web. Adobe Photoshop software is the preferred software for this work.



The photography studio is used to photograph fashion models using specialist flash equipment. Macro (close-up) photography is taught for the first time using specialist equipment with amazing results. Students are encouraged to present their work using an electronic folio.

Enlargements are made from student digital files for the purpose of display prints and to showcase work at community and industry photographic competitions. There is enormous scope for personal recognition within this unit of study. *This unit is an excellent preparation for the Certificate 2 Visual Arts – Photography Course.*

Technical Graphics 10TDTG

Students will have the opportunity to work through a series of Design Drawing activities covering a range of architectural, graphic illustration and engineering drawing skills. The methods used will include drawing instruments and Computer Aided Drawing (CAD).

The outcomes for this subject include raising the basic skill level of all students in the various techniques of pictorial, orthographic and various technical graphics. Projects in areas such as housing and solar design and engineering design problems involving multi-part assemblies, can be fully covered with the full range of equipment available (including CAD) within our department. The subject provides an excellent basis for further study in Year 11 and 12 for those moving into any Materials Design and Technology Course (Wood/Metal).

Graphic Design – Digital 10TDGD

This subject introduces students to the basics of graphic design using digital technologies. Students use computer design to produce effective well designed documents for both printing and viewing on screen. The emphasis is upon using a creative (logical or artistic) approach to document design.

There are three parts to the subject:

- Basic design theory and practice
- The design of specific types of documents
- Preparing documents and files for printing and viewing

The subject uses Adobe industry software such as *Illustrator, Photoshop and InDesign* and is excellent preparation for the Design Graphics course in senior school. This subject does not use Microsoft software (see Business Studies and Information Technology - Desktop Publication and Animation).

Need more Information? Ask the teachers:

Mr Fragomeni, Mr Noack, Ms Wansbrough, Mr Mylonas (Head of Technology & Enterprise)

HOME ECONOMICS



Home Economics is a fun, hands-on subject area, encompassing many life skills. Using a technology and health focus students are encouraged to use their own initiative to solve problems while working co-operatively with others using appropriate equipment and managing time effectively. This is done in the contexts of food and health, nutrition, food cuisines and cultures including textiles and fashion.

Child Care 10THC

As part of the Child Care course students will have the opportunity to recognise the importance of providing for a child's physical, emotional, social and intellectual needs. They will investigate the importance of nutrition and identify the role of play, toys and social interaction in the life of a toddler. With emphasis on practical activities the students will have the chance to apply the Technology Process to the development of a number of items suitable for a toddler.

Cake Decorating 10THD

This subject deals with specialist techniques aimed at designing and creating interesting and impressive cakes for special occasions. Students have the opportunity to learn and develop skills such as fine piping, butter ice piping for the purpose of producing a Birthday Cake. Cupcake toppers using RTR (plastic icing) and working with chocolate add to the skill set that students experience. There is an opportunity to apply design skills to create a cake top using RTR to make unique figurines. Yum!

Food Technology 10THF

The Foods course provides students with the opportunity to develop their food preparation skills and learn new and exciting trends in food styling with an international flavour. Through the use of the Technology Process students are encouraged to develop their own meals. They will also learn to work safely, manage time efficiently, and work collaboratively.



Textiles 10THT

In this subject students explore, create and make their own designs for a fashionable item using a variety of colours, fabrics and textures, and craft techniques such as embroidery, appliqué, quilting or beading. Further opportunities will be available for creativity with textiles for personal garments. Students will construct fashionable garments using the Technology Process and up-to-date techniques that save time and energy.

Need more Information? Ask the teachers: Ms Alexander, Ms Murray, Ms Clarke