



DARLING RANGE  
SPORTS COLLEGE

# **SUBJECT SELECTION HANDBOOK**

**FOR**

**STUDENTS IN  
YEAR 10 IN 2018**



Dear Parent

## CONTRIBUTIONS AND CHARGES

To enable the selection of a course that not only meets your child's academic needs, but also your financial requirements, the approximate costs of subjects have been included at the end of this booklet.

From the subject offerings, parents and students can select a course that meets the maximum voluntary contribution cost of \$235.00. Each Learning Area provides affordable subjects and in doing so, enables students to receive a balanced education within the \$235.00 limit of contributions.

Parents and students may, however, choose to select higher cost electives. This means courses will cost in excess of \$235.00. The amount in excess of \$235.00 must be paid to enable the purchase of additional materials and resources. I encourage parents to utilise any government subsidies for which you may be eligible to help meet commitments to the Contributions and Charges.

Provision of quality education to our students remains our main priority. The education we provide does however rely heavily on parents making full payment of Contributions and Charges. The costs outlined for each of the elective subjects is an estimated cost for 2018 only. This is subject to change and parents will be advised of final 2018 charges when the Contributions and Charges sheet is mailed at the end of the year.

**In accordance with the College's Contributions and Charges Policy, a deposit of \$100 is required upon submission of your child's electives.** Please refer to our website for the full policy.

I thank you for your support in this matter.

Yours faithfully

**PETER NOACK**  
PRINCIPAL



## INTRODUCTION

Students at Darling Range Sports College study subjects across seven Learning Areas. For the majority of Year 10 students, the respective time allocation across these learning areas is as follows:

<b>English</b>	4 hours per week
<b>Mathematics</b>	4 hours per week
<b>Science</b>	4 hours per week
<b>Humanities &amp; Social Sciences</b>	4 hours per week
<b>Health Education</b>	1 hour per week
<b>Electives (4x2 hours)</b>	8 hours per week

This provides a total of 25 hours per week.

Health Education and Physical Education are compulsory for all students.

- Students are able to choose four (4) electives
- One elective **must** be chosen in **each** of the three elective learning areas of:  
1) The Arts      2) Technology and Enterprise      3) Physical Education
- The fourth elective can be chosen from any of these three learning areas

## ACES – (ACADEMIC CHALLENGE AND EXTENSION STUDIES)

Students currently in this program will continue in these classes unless a change has been recommended or negotiated through the Academic Extension Coordinator and the relevant Head of Learning Area (HOLA).

## SPECIALIST SPORTING PROGRAMS

Students currently enrolled in our sporting programs **must** choose their focus sport as one of the four (4) electives. Sports Science will automatically be allocated leaving two (2) remaining electives to select.

One (1) elective **must** be selected from The Arts **and** one (1) from Technology & Enterprise.

Sporting Programs are studied for 4 hours per week (2 hours of the focus sport plus 2 hours of Sports Science).

## INSTRUMENTAL MUSIC

Students who are currently having instrumental lessons through the School of Instrumental Music (SIM) or with a private teacher outside school **must** select Instrumental Music as one of the four (4) electives. Music for Musicians will automatically be allocated leaving three (3) remaining electives to select.

One (1) elective **must** be selected from Physical Education **and** one (1) from Technology & Enterprise. The fourth elective can be chosen from any of the three elective learning areas.

**Students who are part of ACES, Specialist Sports or the Instrumental Music Program are expected to continue with these subjects into Year 10**

Ms McLaren and Mr Embley will be available to explain the subject selection process and help individual students with their choices.



## SUBJECT INFORMATION – COMPULSORY SUBJECTS

The following pages outline the content of each of the subjects available to Year 10 students. Students should discuss their possible choices with the relevant Learning Area teachers if they require further information about specific subjects.

### ENGLISH

The Year 10 English course will be programmed and delivered in a similar way to Senior School courses. Each unit will be a semester unit with its own context. The courses will encompass the three outcomes of listening and speaking, reading and viewing, and writing.

Students will be placed in the English course considered most appropriate for them in light of their achievement, NAPLAN results, attitude and final report in Year 9. Students who achieve an A or B grade in Year 9 will be challenged and extended in Year 10 in preparation for courses in Year 11 ATAR. All other students will be offered courses preparing them for Year 11 General courses. Students who need to sit the OLNA exams will be streamed for additional assistance.

### MATHEMATICS

In Mathematics students learn to use ideas about number, space and chance, and mathematical ways of representing patterns and relationships to describe, interpret and reason about their social and physical world. Mathematics plays a key role in the development of students' numeracy and assists in learning across the curriculum.

In Year 10, students study a course of Mathematics in the following outcomes:

- Number and Algebra
- Measurement and Geometry
- Probability and Statistics

Students will be placed into a course best suited to their ability, as determined by their Year 9 results and/or in consultation with the Head of Learning Area.

### SCIENCE

Science in Year 10 follows the Australian Curriculum from the Year 9 course. Students will study topics such as:

- Biological Sciences
- Chemical Sciences
- Earth and Space Sciences
- Physical Sciences

The main objective of the courses in Year 10 is to round out students' scientific knowledge and also introduce increased rigour for those intending to choose Year 11 and 12 Science subjects.

Students in Year 10 Science will be placed in classes according to their Year 9 Science and Mathematics results. There will be three pathways; Pathway 1, Pathway 2 and Pathway 3.

We encourage students to take the highest level of Mathematics they are capable of as Mathematics skills are very important in a continuing study of Science.



## HUMANITIES AND SOCIAL SCIENCES

The Humanities and Social Sciences learning area develops students' understanding of how individuals and groups live together and interact with their surrounding environment. We are currently living in a dynamic world and through their studies, our students will make sense of this changing world by investigating key aspects of the past, present and future.

The Humanities and Social Sciences curriculum has a strong focus on the implementation of the Australian Curriculum. A key emphasis of this course will be on Australia in its global context.

Key topics covered in the Australian Curriculum include:

- World War II
- Popular Culture
- Geography

A key focus of Year 10 Humanities and Social Sciences is to also prepare students for our Senior School courses. These are:

- Career & Enterprise
- Geography
- Modern History
- Psychology

## HEALTH

Year 10 Health is compulsory for all students.

By the end of Year 10, students critically analyse contextual factors that influence their identities, relationships, decisions and behaviours. They analyse the impact attitudes and beliefs have on community connection and wellbeing. Students also evaluate the outcomes of emotional responses to different situations. Students access, synthesise and apply health information from credible sources to propose and justify responses to health situations. Students propose and evaluate interventions to improve fitness and physical activity levels in their communities. They examine the role physical activity has played historically in defining cultures and cultural identities.

Students demonstrate leadership, fair play and cooperation across a range of movement and health contexts. They apply decision-making and problem-solving skills when taking action to enhance their own and others' health, safety and wellbeing. Students apply and transfer movement concepts and strategies to new and challenging movement situations. They apply criteria to make judgements about and refine their own and others specialised movement skills and movement performances. Students work collaboratively to design and apply solutions to movement challenges.



## SUBJECT INFORMATION - ELECTIVE SUBJECTS

### THE ARTS LEARNING AREA

#### ART (10ARAR)

This course explores drawing, painting and printmaking. Students will develop skills and techniques in ink, charcoal, oils, acrylics, collage and printing. They will also develop and refine artworks within the theme enabling them to develop skills in a variety of mediums.

Projects in this course may include:

- mixed media sculptures
- watercolour and ink posters
- acrylic and/or oil paintings
- airbrush illustration

#### CREATIVE DANCE (10ARCD)

Dance is a dynamic and vibrant art form. This course offers students a worthwhile opportunity to study Dance in depth, and is a solid foundation for the Senior School Dance Studies course. It is recommended but not necessary, that students have studied Dance in Year 9. Students will use current music and most costumes and make-up will be supplied. However a pair of black pants/leggings and a dance top will need to be purchased to wear both in class and at concerts. Projects may include:

- cheerleading
- hip hop/jazz
- cultural dance
- choreography and performance
- contemporary dance
- group performances (both in and out of school, School Production, dance competitions)
- costume design
- makeup and special effects

#### DANCE FIT (10ARDF)

This course focuses on Dance as a form of fitness. Students will participate in activities which concentrate on developing endurance, strength and flexibility as well as exploring how dance can contribute to positive mental and emotional health. Projects include a selection from the following:

- Aerobic fitness training
- Zumba/Yoga/Pilates
- Group performances (both in and out of school performances)
- Dance apps and games
- Individual fitness testing and monitoring
- Nutrition and diet
- Costume and make-up
- Choreography to create your own Dance Fit routines and Apps

Students will use current music. Most costumes and make-up will be supplied. However, a pair of black pants/leggings and a dance top may need to be purchased to wear both in class and at concerts.



## **DRAMA (10ARDR)**

Extend your understanding of Drama through the specialised study of acting methods and techniques. Students will develop acting skills and acquire knowledge on how to produce theatre performances. Students will also have the opportunity to perform existing scripts and develop original performances. Key areas of study include:

- characterisation
- dialogue/script writing/play building
- performance craft
- blocking and staging
- design and production skills
- voice and movement skills
- script study/communicating text
- costuming/make-up/props

## **FINE ART PHOTOGRAPHY (10ARFNA)**

Pre-requisite: Minimum of B grade average in Year 9 Photography

The Year 10 Fine Art Photography course aims to build on the knowledge gained in Year 9 photography. This is highly creative course and will help develop students' creative thinking and problem solving skills. Students are given considerable freedom to develop an individual style and creative approach to their photography. This course has a high practical content and utilises professional equipment to capture techniques within photography.

Adobe Photoshop skills are enhanced through a series of tutorials and students are taught to produce fully edited images without assistance. Students will be exposed to the masters of photography and will be required to respond and reflect on their own artwork and the works of others.

## **ILLUSTRATION AND PRINTMAKING (10ARIP)**

The Illustration and Printmaking course is an art course that focuses on a variety of skills and techniques such as drawing, sketching, printmaking and painting. Within this course students will learn to draw graphic representations of images and figures found in cartoons, story books, video games and magazines. Illustration is a very youth-based art form and the aim of an illustration is to decorate a story, poem or piece of text by providing a visual representation. Illustration is a great course if you like drawing detailed images and cartoons and experimenting with a variety of media. Illustration is also a great art form for artists who like to use their imagination or humour in their artwork. Within this course we have incorporated many different techniques used in printmaking such as stencils, linocuts, screen prints, woodcuts, embossing, engraving and etching. The printmaking course will allow students the opportunity to create their own designs and develop an understanding of printmaking and the printmaking process.

Other projects may include:

- Cartoons/Comic books
- Video game characters
- Portraits
- Logos and symbols
- T-shirt designs/T-shirt prints
- Lino prints
- Printing abstract paintings
- Stencil prints/screen-prints



### **GENERAL PHOTOGRAPHY (10ARGPH)**

This course introduces new students to the basics of DSLR cameras and digital editing techniques while also catering for those who have previously studied photography. Students will use the Design Process to develop visually stimulating solutions to given photographic briefs. This course has a high practical content and utilises professional equipment to respond to a brief directed at a target audience. Students are given the freedom to adapt each major task to their own interests.

Adobe Photoshop skills are enhanced through a series of tutorials and students create a digital portfolio to display their work. Research through magazines and commercial industries will expose students to the impact and importance of commercial photography.

### **MIX MASTERS (MUSIC) (10ARMM)**

In the classroom, students will study both contemporary and classical music and will research, compose and perform in all styles. Students will build on their knowledge of styles of music and will learn to write their own music using music writing software as well as looping programs.

NB: There may be a need for this class to be a combined class of Music for Musicians and those who have enrolled in Mix Masters.

**OR**

### **MUSIC FOR MUSICIANS (10ARMFM)**

This course has been developed for students who are currently having instrumental lessons through the School of Instrumental Music (SIM) or with a private teacher outside school. There may be limited places available for beginners for the instruments that are offered at the school. Students may be expected to play in an ensemble relevant to their instrument and may perform in class, at assemblies or at festivals. Students will study both contemporary and classical music and will continue to research, compose and perform in all styles.

NB: There is an expectation that SIM students will continue in the music program until the end of Year 10. There may be a need for this class to be a combined class of Music for Musicians and those who have enrolled in Mix Masters.

### **STAGE DESIGN (10ARSD)**

The Stage Design course will be a unique experience to work alongside Performing Arts in creating backdrops and props for the theatre and stage productions within the school. Students will have the opportunity to collaborate with members of the production design team to create an environment for the production. Students will be involved in creating scale models of the scenery, renderings, paint elevations and scale construction drawings.

Other projects may include:

- Backdrops
- Murals
- Props
- Construction
- Design Drawings
- Painting





## TECHNOLOGY & ENTERPRISE LEARNING AREA

### COOKING AROUND THE WORLD (10TEC)

Have your taste buds travel through various styles of food and culture from around the world. Students will:

- Cook up a storm using a variety of different cultural influences
- Discover that Australia is a melting pot of a wide range of cooking techniques and variety of foods
- Be encouraged to appreciate these different foods and techniques
- Develop an understanding of the influences of the environment and technology

### CREATIVE WOOD CARVING (10TECWC)

This course is designed for students with no experience in woodcarving but with an interest in trying something new. The course will involve “Chip Carving” and “Relief Carving” using several methods of cutting wood and how to use carving tools safely and effectively. You will be tutored on understanding the grain of timber and how that affects your carving style. The teacher will also explain the difference between “hardwood” and “softwood” and which wood species are easier to carve – it is not as obvious as you may think. Carve your favourite animal or your favourite footy emblem or anything that you are interested in. These are great for presents!

### CREATIVE WOOD DESIGN (10TECW)

For students who enjoy working with wood or have an interest in making a career in wood related trades. Students will:

- Design and make their own projects such as small furniture items, sculptured pieces and model making
- Use balsa wood to develop projects
- Learn wood carving and sculpture

### FORENSIC QUEST (10TEFQ) (LINKED TO SCIENCE)

Students will emulate the CSI technicians and learn about the various techniques used to solve crimes. You will apply these skills using various techniques and develop an understanding of how each works. You will also follow actual case studies and attempt to solve the Dastardly Crime of DRSC.

### COMPUTER CODING (10TECOD)

Would you like to make your own computer games? Writing computer games can be a lot of work and requires programming skills. This course allows you to develop a variety of 2-dimensional games.

This subject covers a variety of computer related topics including:

- Web page construction
- Animation – design your own cartoon strip
- Graphics – develop your own screen presentation with sound and effects
- Design – what elements are needed in effective presentation
- Create - your own multimedia software
- Colour scanning techniques – for photos and personal creations.

Students will be able to devise and develop appealing games with animated graphics, backgrounds and sounds. Students will also create a wide range of games using a built in programming language.



### **MECHANICAL WORKSHOP (10TEMW)**

Students are introduced to basic mechanical principles through practical work on single and multi-cylinder engines. Students will:

- Learn routine servicing on two and four stroke engines
- Service and learn to responsibly care for a vehicle
- Use oxy-acetylene, MIG and TIG welding and plasma cutting equipment
- Complete small directed projects through the design process

### **METAL TECHNOLOGY (10TEMT)**

Students create personal projects in different types of metals. Students will:

- Learn welding and general fabrication.
- Explore aluminium casting, Lathe work and machining.
- Undertake projects which may include tools, household items and specialist equipment.



## PHYSICAL EDUCATION

Students must select their Specialist Sport Program including Sports Science **OR** one of the Physical Education compulsory subjects: Basketball, Fit for Life, General Physical Education, Recreational Sports or Touch Rugby.

### SPECIALIST SPORTING PROGRAMS

All students enrolled in the Specialist Sporting programs will study Sports Science which will lead into Year 11 ATAR Physical Education Studies in 2018. Entry to Year 11 ATAR Physical Education Studies will be based on teacher recommendation and the student's future pathway.

This is a recognised Australian Tertiary Admissions Rank (ATAR) subject and satisfactory completion goes towards the student's secondary graduation (WACE). The theoretical focus is on students developing their knowledge of body systems and also the application of biomechanics to improve their performance. Students also have the opportunity to coach and referee Year 8 and 9 students and participate in the organisation and running of tournaments and carnivals.

External professional coaches and mentors continue to be employed to support the coaching staff and all students have the opportunity to complete various forms of accreditation, including Certificate III in Sport over two years in Year 11 and 12.

Acceptance into a Specialist Sporting program is through a trial organised by the Director of Sport. Students who fail to maintain the standards required in their chosen sport, or whose contributions and charges have not been paid in full, may not be able to continue with the sport in Year 10 (and beyond).

List of sports available:

- AFL
- Athletics
- Diamond Sports
- Netball
- Soccer
- Swimming

### SPORTS SCIENCE (10HPSSC)

All students enrolled in the Specialist Sporting Programs will also complete two hours of Sports Science which links with their Specialist Sport Program. This course is two hours of theory where the topics covered are related to the theory behind sport: motor learning and coaching, biomechanics, functional anatomy, sports psychology and exercise physiology. Teachers will also construct practical activities or labs that link in with the theory topic so students can learn through a practical experience and environment similar to university.



## PHYSICAL EDUCATION LEARNING AREA

**Students who are not enrolled in one of our specialist sports programs, must choose a minimum of one of the listed compulsory Physical Education subjects below.**

### **BASKETBALL (10HPBB)**

With the class having access to our international stadium facility, they can engage in learning the skills of basketball and improving these in a competitive environment twice a week. Students will be assessed by their understanding of basketball skills, coaching and umpiring skills, teamwork and personal preparation skills.

### **FIT FOR LIFE (10HPFFL)**

Fit For Life is a low impact elective that aims to engage students who may not desire the competition and sporting skill development offered in other electives. Students will complete a range of alternative activities that have an emphasis on lifelong physical activity, without the need to participate in traditional, organised sports. The program may consist of the following activities; walking, weight circuits, yoga, pilates, stretching, meditation, core stability exercises and other modified activities that promote a physically active lifestyle.

### **GENERAL PHYSICAL EDUCATION (10HPPE)**

This course is designed to provide students with the skills to assist them in maintaining a lifelong involvement in traditional team sport. The course is broken down into three sections: moving our body, understanding movement and learning through movement.

General Physical Education aims to provide students with interesting and meaningful learning experiences in a diverse range of physical activities to motivate students in their sporting pursuits. Various practical sport units are to be completed during the year and could be selected from a list such as volleyball, soccer, athletics, touch football, cricket, AFL, netball, basketball, aquatics, hockey, self defence, circuit training, softball and softcrosse. Students will learn about personal hygiene and self-management skills through ensuring they are changed and prepared to participate in each lesson.

### **RECREATIONAL SPORT (10HPRS)**

Pre-requisite: Recommendation from Physical Education teacher. Only students with recommendations will be accepted into this program. Minimum C Grade in Physical Education.

Physical Recreation encourages students to expand their understanding of movement and participation in a range of sporting contexts not usually offered in a school sport program. The program will contribute to the development of effective team relationships and further develop student self-management skills. Students also implement tactics appropriate to various physical activity context, which may include; beach volleyball, snooker, squash, ten pin bowling, water polo, aquatics, table tennis, floor hockey, badminton and other sports as required.

This elective will require students to travel off school grounds under the supervision of staff to complete various activities. There is a significant cost to this course and charges need to be paid before the end of Term 1. Failure to meet these requirements will result in student's removal from this elective.

### **TOUCH RUGBY (10HPTRU)**

Students will learn the skills of touch Rugby and use these in a competitive environment twice a week. Students will be assessed by their understanding of touch rugby skill techniques, coaching, umpiring, teamwork and personal preparation skills.



## YEAR 10 SUMMARY OF SUBJECT SELECTIONS

Darling Range Sports College endeavours to keep all costs to a minimum while providing a high quality education. Electives with a consumable component are subject to change due to increases in the cost of materials required to meet the curriculum.

A confirmed cost structure for 2018 will be provided separately. The costs provide below are indicative only.

Learning Area	Electives	Approximate Cost
<b>Arts</b> Must choose at least one (1)	Creative Dance Dance Fit Drama Fine Art Photography General Photography Illustration and Print Making Mix Masters (Music) Music for Musicians Stage Design Art	\$55.00 \$45.00 \$40.00 \$40.00 \$90.00 \$85.00 \$55.00 \$35.00 \$35.00 \$55.00
<b>Technology &amp; Enterprise</b> Must choose at least one (1)	Cooking Around the World Creative Wood Design Creative Wood Carving Forensic Quest Computer Coding Mechanical Workshop Metal Technology	\$110.00 \$80.00 \$80.00 \$40.00 \$40.00 \$90.00 \$80.00
<b>Specialist Sporting Program</b> Must choose your focus sport  Only available to those students currently in these sports programs.  Sports Science is automatically selected for you	AFL Athletics Diamond Sports Netball Soccer Swimming  Sports Science	\$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$200.00  \$50.00
<b>Physical Education</b> Must choose at least one (1) if not in a specialist sport program	Basketball Fit For Life General Physical Education Recreational Sports Touch Rugby	\$50.00 \$50.00 \$30.00 \$180.00 \$50.00