



**Ellenbrook**  
Secondary College

**2024**  
**YEAR 10**  
**SUBJECT**  
**HANDBOOK**

## Year 10 Subject List

SUBJECTS	COST PER SEMESTER
<b>ARTS</b>	
Dance	\$30
Drama	\$30
Film and Video	\$30
Music Concepts and Analysis	\$30
Music Performance	\$15
Photography	\$30
Photography STEM	\$30
Street Dance	\$15
Visual Arts	\$45*
Visual Arts Foundation	\$45*
<b>HEALTH AND PHYSICAL EDUCATION</b>	
AFL Specialist	\$55*
General Physical Education	\$24
Leisure Activities	\$50*
Netball Specialist	\$50*
Outdoor Recreation	\$180*
Sport Science	\$24
<b>HUMANITIES AND SOCIAL SCIENCE</b>	
Finance Matters	\$20
<b>TECHNOLOGIES – D&amp;T</b>	
Home Workshop	\$50*
Mechatronics STEM	\$60*
Metalwork	\$50*
Woodwork	\$50*
<b>TECHNOLOGIES – HOME EC AND DIGITEC</b>	
Child Development	\$30
Fashion and Fabric	\$28
Coding Skills STEM	\$22
Digital Design STEM	\$22
Live to Eat	\$55*
Computer Science and Cyber Security STEM	\$22
Food Matters	\$55*

***\*Denotes a high-cost option and incurs a compulsory course charge***

All costings provided for subjects have been approved by the College Finance Committee and endorsed by the College Board and are based on the information available at the time of print.

# Course Outlines

## THE ARTS

### Dance - Semester 1 and 2

**Students who intend to study Dance in Year 11 and 12 are recommended to select Dance in both semesters.**

This subject will provide students with the opportunity to participate in a range of popular dance genres, with a focus on Contemporary and Jazz. Each semester will be based on a different genre.

Students will work on their dance technique, choreography skills and flexibility, as well as constructing reviews on dance in society and responding critically to their work and the work of their peers. Students will have the opportunity to perform their own choreography in small groups, as well as the possibility of performing in front of a live audience in the Art in Motion Showcases.

### Drama - Semester 1 and 2

**Students who intend to study Drama in Year 11 and 12 are recommended to select Drama in both semesters.**

This subject will be looking at skills in script styles, performance, and analysis. Students will develop an understanding of the theatre styles, implications and performance techniques needed to generate a successful, believable, and entertaining performance. Students will engage in practical, hands-on tasks and explore improvisation skills developed through drama games.

### Film and Video - Semester 1 and 2

**Students who intend to study Media ATAR or General in Year 11 and 12 are recommended to select Film and Video in both semesters.**

This subject provides in-depth understanding of Media through a variety of different projects, including the creation of their own film and videos. Through the creation of these projects, students will develop a range of production skills; including using video cameras, LED lighting techniques, storyboarding, drone, and gimbal operation, using sound recording devices and editing sound and vision to work together to create meaning.

Whilst this is a practical subject, students will also be required to complete written assignments designed to demonstrate their understanding of the subject content. Each semester will explore different types and of media.

Semester 1 - Horror genre films

Semester 2 - documentary and interviews

It is recommended that students wishing to do this subject select it for both semesters.

## **Music Concepts and Analysis - Semester 1 and 2**

**(2 periods per week)**

**This subject is specifically for students who are already in the Specialist Music Program and intend to study ATAR Music in Year 11 and 12. All ATAR bound students must select both Music Concepts and Analysis and Music Performance subjects.**

The Music Concepts and Analysis subject will cover a range of topics and genres that include both Contemporary and Western Art music, as well as developing students aural, theory, composition, and performance skills. This exciting and innovative subject will enable students to analyse, interpret and perform their pieces to a much greater level of understanding and enjoyment.

Students will continue to receive IMSS instrumental lessons and are expected to attend a minimum of **one** ensemble for the year, as per the Specialist Music Agreement. Lesson and ensemble attendance actively counts towards the student's final grade.

## **Music Performance - Semester 1 and 2**

**(2 periods per week)**

This subject is designed for any student who enjoys making music, regardless of the form and style, no previous music education is necessary! It is also open to Specialist Music students who do not plan to study ATAR Music in Years 11 and 12.

The Music Performance subject focuses on creating original music, song writing, performance preparation and collaboration. Students will work on individual and group creativity, utilising and developing their own skills with access to technology including song creation software.

Students will be able to utilise the recording studio to create their own portfolio of original songs for future reference and possible release on social media platforms. Students will also develop their own solo and collaborated original music which will be combined with stagecraft skills to feature in live performances throughout the year.

Specialist music students will continue to receive IMSS instrumental lessons and are expected to attend a minimum of **one** ensemble for the year, as per the Specialist Music Agreement. Students who enjoy this subject will have the opportunity to continue studying music in Year 11 and 12 within the Certificate III in Music.

## **Photography - Semester 1 and 2**

**This subject is highly recommended for students wanting to study Photography in Year 11 and 12.**

This unit provides a deeper understanding of photography and design skills. Students will take a series of photographs in different contexts to demonstrate their understanding of design elements and principles. Each semester will explore different types and genres of photography.

Students will also be introduced to more advanced skills in digital editing by using Adobe Photoshop software. Whilst this is a practical subject, students will also be required to complete written assignments designed to demonstrate their process and understanding of the subject content.

It is recommended that students wishing to do this subject select it for both semesters.

## **Photography STEM - Semester 1 and 2**

**The subject is highly recommended for students who intend to study Photography in Years 11 and 12.**

Photography (STEM) offers an opportunity to learn and utilise 21<sup>st</sup> century skills using DSLR cameras to photograph a range of subjects. Using the 4 C's (creativity, critical thinking, collaboration, and communication) of STEM, students will learn how to use the manual camera modes by adjusting the shutter speed, aperture, and ISO to take a variety of photographs that demonstrate their ability to control the images that are produced. Students will show their creativity by modifying their photos using Adobe Photoshop software, including the use of fonts, and collaborating on graphic designs.

## **Street Dance - Semester 1 and 2**

This subject is designed for students who want to further develop their skills in street dance. Students will explore popular styles of hip hop dance including commercial hip-hop and lyrical hip-hop. Students will work collaboratively to devise their own choreography and will have the opportunity to perform to an audience and work behind the scenes learning about production roles.

Variations of this subject will be offered in both semesters; students may choose it in one or both.

## **Visual Arts - Semester 1 and 2**

**This subject is recommended for students who are interested in studying Visual Arts General or ATAR in Year 11 and 12.**

In this subject, students will experience and explore a variety of mediums and techniques, such as clay, painting, drawing and printmaking; to communicate ideas and meaning on a given topic or theme.

The practical tasks will include developing and refining ideas in your folder and then producing artworks that convey a message or comment. Written tasks will address the impact of contexts and how artists convey meaning through their work.

Variations of this subject will be offered in both semesters; students may choose it in one or both. Students may also select Visual Arts at the foundation level.

## **Visual Arts Foundation - Semester 1 and 2**

In this subject, students will experience and explore a variety of mediums and techniques for example, clay, painting, printmaking and drawing on a given topic or theme. In this subject, there will be a focus on the practical work, producing inquiry work in your folder and then artworks. There will be some simplified written tasks which are designed to support your practical work and improve your outcomes.

Variations of this subject will be offered in both semesters; students may choose it in one or both. Students may also select Visual Arts at the standard level.

## HUMANITIES AND SOCIAL SCIENCE

### Finance Matters - Semester 2 only

**This subject is recommended for students who wish to study Business Management and Enterprise and/or Certificate III in Business in Year 11.**

Financial matters look at ways of making money, investing money, and using money wisely. Students will learn to budget to become independent financial gurus. Other topics that will be covered during the subject include taxation, buying your first car, superannuation, and workplace agreements. This subject focuses on improving the financial literacy of students.

## HEALTH AND PHYSICAL EDUCATION

### AFL Specialist - Semester 1 and 2

**This subject is specifically for students who are experienced in playing to a club standard in football.**

**Pre-requisites:** Year 9 Physical Education - B grade or higher

Attendance rate of over 80% or higher to remain in the subject

Students to be actively involved in all ESC afterschool football teams.

AFL Specialist is an intensive program that requires a good level of skill and a clear understanding of the rules and regulations of the game and provides students the opportunity to extend their knowledge of the rules and strategies of football. Greater emphasis is placed on all aspects of the sport, ranging from skill development to fitness requirements (draft camp testing), game strategies and coaching. There may be additional activities such as visits to the Fremantle Dockers and West Coast Eagles facilities/games, which will incur extra costs.

Students are expected to come to practical lessons in their PE uniform, failure to bring uniform regularly will result in removal from this program. Students must behave in accordance with the College's Behaviour Management Plan in **all** their classes to remain a suitable candidate. Parents will be required to sign a contract to secure a place in this specialist program and students may be removed from this program should their behaviour or standard of participation be deemed unacceptable.

### General Physical Education - Semester 1 and 2

Year 10 General Physical Education focuses on improving performance, students transfer learned movement skills with increasing proficiency and success across a variety of sporting contexts.

Students broaden their understanding of optimal techniques necessary for enhanced athletic performance. Students utilise their own and others leadership styles and apply problem-solving approaches to motivate participation and contribute to effective team relationships. They are also provided with opportunities to assume control of physical activities in coordination or officiating roles.

The programs include development of skills, strategies and tactics of Basketball, Baseball, Tennis, Athletics, Futsal and Badminton.

## Leisure Activities - Semester 1 and 2

Leisure Activities incorporates recreational pursuits as an alternative approach to Physical Education which aims to generate a positive, life-long engagement in physical activity. This subject is designed to explore recreation, social dynamics, and personal improvement outside of traditional secondary school sport pursuits.

Throughout this subject, emphasis is placed on enthusiastic participation and etiquette when sharing a recreational space with other users. Selected activities provide all students with the opportunity to grow as active individuals and include Gym Workouts, Frisbee Golf, Bocce, Table Tennis, Orienteering, Martial Arts, and Golf.

**Semester 1** - Students build on principles established during lower school by designing and implementing individual workout plans in the College Fitness Suite. This encourages autonomy and personal accountability for one's own physical health and goes into finer details of goal setting and tracking progress.

**Semester 2** - Students engage in recreational activities with a focus on acquiring new skills, implementing tactical choices, and problem solving.

## Netball Specialist - Semester 1 and 2

**This subject is specifically for students who are experienced in playing to a club standard in Netball.**

**Pre-requisites:** Year 9 Physical Education - C grade or higher

Students were successful in the Netball trial held in Term 2.

Students be actively involved in all ESC interschool Netball teams.

Netball Specialist is an intensive subject that requires a good level of skill and a clear understanding of the rules and regulations of the game and provides students the opportunity to extend their knowledge of netball. Greater emphasis is placed on all aspects of the sport, ranging from skill development to fitness requirements, game strategies and coaching. Guest coaches from Netball WA will also run 5 clinic sessions each semester.

Students must behave in accordance with the College's Behaviour Management Plan in all their classes to remain a suitable candidate for the subject. Students may be removed from this program should their behaviour or standard of participation be deemed unacceptable.

## Outdoor Recreation - Semester 1 and 2

**This subject is highly recommended for students wanting to study Outdoor Education General in Year 11 and Year 12.**

**Pre-requisites:** Year 9 English and Physical Education - C grade or higher  
Attendance rate of over 80% to remain in the subject  
Students must be able to swim a minimum of 200m unassisted in under 7 minutes

This subject is a great introduction to Outdoor Recreation. Students participate in a range of outdoor activities such as snorkeling and orienteering activities and develop their camp skills.

To comply with Department of Education Outdoor Education Activities for Public Schools, class numbers will be capped at 22 students. Due to these limited numbers, students may be removed from this program should their behaviour or standard of participation be deemed unacceptable. Students must behave in accordance with the College's Behaviour Management Plan in all their classes to remain a suitable candidate for the subject.

Students partaking in this course are actively involved in all excursions unless a medical certificate is provided. Students are expected to come to practical lessons in their PE uniform, failure to bring uniform regularly will result in removal from this subject.

**Semester 1** - The peak experiences include a day trip exploring the Marmion Marine Park and competing at the School Sport WA Secondary Schools Orienteering Championships.

**Semester 2** - Students will participate in kayaking and bushwalking activities and a 2-night, 3-day camp in Margaret River. This camp will include caving, bush walking along the Cape-to-Cape Trail and exploring the Southwest Coast.

**Please Note:** This class involves some flexible timetable arrangements (early start/ late finish)

## Sport Science - Semester 1 and 2

**This subject is part of the ATAR Pathway and is ideal preparation for students interested in studying ATAR Physical Education Studies in Year 11 and 12, although not essential.**

**Pre-requisites:** Year 9 Physical Education - B grade or higher  
Year 9 English – C grade or higher  
Willingness to actively participate in practical lessons

In this subject, students will explore concepts such as functional anatomy (bones and muscles of the body), exercise physiology, biomechanics, coaching and sports psychology. Instead of learning solely in a classroom, students will learn in a sporting environment and practical settings. A range of resources and facilities will be used to enhance their knowledge of the content delivered. This subject is engaging, hands-on, and interactive where skills are learnt by doing.

Students will explore the science of sport through specialising in one or two sports across the semester. Typical assessments include but are not limited to practical performance (skills and gameplay), investigations (laboratory reports and journal entries), and topic tests. Students will participate in one theory and one practical session per week. The written component of this subject will make up 50% of student's total assessments for each semester.

**Note: All physical education classes have an athletics component in semester 2 as build up to the whole school athletics carnival.**



## Child Development - Semester 1 and 2

This subject introduces students to the skills and knowledge associated with caring for children, whether as a parent in the future, as a career or as a personal interest. This subject will help to provide a greater understanding of the needs of young children and the role of caregivers in providing a safe and nurturing environment in which children can grow and flourish.

**Semester 1** – Students will explore the stages of child development; from conception to birth, from birth to 18 months, from 18 months to preschool and the milestones that are expected for each age group.

**Semester 2** – Further detail on the developmental milestones of children and issues such as feeding children, weaning, play and safety. Students will be involved in a range of practical and theory activities designed to enhance a child's development, including the creation of games and the preparation of meals for toddlers and pre- schoolers.

## Fashion and Fabric - Semester 1 and 2

Fashion and Fabric will draw inspiration from the textile industry and designers, allowing students to develop a range of practical skills to create their own material products. This subject focuses on fashion sewing but includes aspects of textile art, which are current or reflect the sustainability nature of textiles in today's environmentally friendly climate.

This subject can be tailored to suit the individual student's design ideas to create innovative textile products and develops textile skills that will be useful for further study in this area.

**Semester 1** - Actively using design principles, creative construction techniques and production processes, students will look at fashion designers and the fashion industry. Students will look at fashion designers and the fashion industry.

**Semester 2** - Students will develop more advanced sewing and designing skills. Students will venture into some grooming and deportment techniques to enhance the wearing of their specialised clothing designs!

**Please note:** Students will need to supply some fabrics etc. for their projects. Basic materials and equipment will be supplied in negotiation with each student and the requirements of their design work.

## Coding Skills STEM - Semester 1 only

This subject will provide advanced programming techniques to develop a thorough understanding of object - oriented concepts.

Students will develop computational thinking skills by considering current hardware and software systems, and then analysing data to create solutions to real world problems, such as development of robotics and Smart Devices using Lego Mindstorms and Arduinos.

## **Digital Design STEM - Semester 1 only**

**This subject is recommended for students who are interested in studying Applied Information Technology and/or Business Management and Enterprise in Year 11.**

In this subject, students develop practical skills in using colour, typography, and illustration techniques to create 2 and 3D models using 3D printing and laser cutting technologies. They will develop an understanding of branding and marketing to create unique styles for business, such as infographics, websites, newsletters and use animation to create interactive magazines and websites using Adobe CC suite.

## **Live to Eat - Semester 1 only**

“Live to eat, eat to live” are two completely different ways of looking at food and cooking. This course looks at various aspects of food in our lives – from the way that we entertain using food (BBQ’s, parties, and special occasions), to how we buy or grow food (supermarket vs. vegie patch), to reasons why we eat what we do.

Students will prepare many different recipes that reflect the way that our society eats today and the multicultural nature of Australia, giving us many food cultures to draw from. Students will get the chance to plan and prepare food for a special celebration, that reflects their own tastes and cultures.

## **Computer Science and Cyber Security STEM - Semester 2 only**

Keen to know how a computer works? Interested in cryptography and how to protect systems from cyber - attack? This subject is for you.

Students will disassemble computers to understand how the components fit together, investigate network systems and data security, and manipulate data digital solutions to complex problems. Project Management and IT skills will be developed as students work in teams to design and develop digital solutions.

## **Food Matters - Semester 2 only**

Food is a vital part of life. Our enjoyment of food involves its appearance and aroma as well as its taste. This subject will focus on more advanced food preparation skills and food presentation.

Students will develop recipes that address different dietary needs, learn a range of techniques using flour- based products and be able to address their own nutritional requirements through a series of practical lessons. Students will undertake an investigation task on cake making and nutritional needs. They will prepare a variety of recipes that build on their basic food knowledge and skills.

## Home Workshop - Semester 1 and 2

This is an introductory unit in Building and Construction. Students will be given the opportunity to develop skills and knowledge to undertake simple DIY tasks around the home. Students enrolled in this subject will be taught basic bricklaying, paving, concreting, carpentry, painting, and tiling skills as well as general home handyman skills.

This is a great unit for anyone interested in following a career in the construction industry, as well as students generally interested in the DIY culture.

## Mechatronics STEM - Semester 1 and 2

No prerequisite study required! All students are encouraged to join to develop some great skills and complete fun projects of their choice. This STEM (science, technology, engineering, and math) focused subject develops future-ready skills and expands student knowledge of all things STEM. This subject tailors to student's interests and will be developed in collaboration with students as they are involved in negotiating the curriculum and content covered.

Students will have many opportunities to develop practical skills in cutting edge technologies such as Laser Cutting, 3D Printing, Robotics and using exciting, industry standard software such as Adobe Photoshop, Illustrator and After Effects. As students help guide the content of the subject, it is suitable for both students who have previously studied STEM or those who are interested, for the first time.

## Metalwork - Semester 1 and 2

This subject develops students' competence with the use of metalworking tools and equipment in both a metals and jewellery context. Students are introduced to various processes including safety considerations, shaping, and manipulating wire and sheet metal, silver soldering, brazing and MIG Welding.

**Semester 1** - Students will work with brass, copper, coated metals, and mild steel to produce a range of projects.

**Semester 2** - Students will utilise processes including twisting of metals, silver soldering and brazing, lathe work and cuttlefish casting. There is an opportunity for students to develop simple projects of personal design.

## Woodwork - Semester 1 and 2

This subject continues to build students skills and knowledge from previous woodwork classes through the safe use of machines, power tools and hand tools. Woodwork is a predominately practical subject where the emphasis is placed on work with wood and wooden products and the skills to produce a quality finished item.

**Semester 1** - The focus of this unit is 'old school products' with students constructing a range of wooden items including a lathe turned bowl and footy clacker.

**Semester 2** – The focus of this unit is toys with students constructing a range of wooden toys, including a Co2 Dragster.