



**ATWELL COLLEGE**

# Year 9

# Course Selection Handbook

Edition 2022

*Independent Public School*

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## Overview

The focus of schooling in Year 9 is to continue to develop broad educational knowledge and skills. A Year 9 student's week will be as outlined below.

	<b>Learning Area</b>	<b>Hours per week</b>
<b>Compulsory</b>	English	4
	Health and Physical Education	3
	Humanities and Social Sciences	4
	Mathematics	4
	Science	4
<b>Electives are chosen in these learning areas:</b>	Health and Physical Education Languages Technologies The Arts	6
	<b>Total hours</b>	<b>25</b>

## Specialist Programmes

The following programmes are designed to meet the needs of selected students in a particular area of the curriculum.

### Academic Extension Programme (AEP)

At Atwell College, our Academic Extension Programme (AEP) is designed to challenge students academically and build on their self-management and reflection skills, developing well rounded independent learners. The College offers Academic Extension classes in the four core learning areas: English, HASS, Mathematics and Science. Placement in these classes is reviewed at the end of every semester.

### Education Support

Atwell College caters for students with a full spectrum of disabilities; from severe intellectually disabled individuals with complex needs in a specialist building to students with mild disabilities in small classes in general learning areas. There is a focus on student centered planning that encompasses the academic programmes as well as social emotional wellbeing of students.

The Kim Beazley Learning Centre (KBLC) building is a purpose built, safe facility for students with special needs. The building is equipped with a hydrotherapy pool, specialist sensory equipment and life skills training rooms and can cater for therapists who attend the school.

### Netball Specialist Programme (NSP) (only available to previously selected students)

Atwell College is endorsed as a Tier 1 Specialist Netball School by Netball Western Australia. This endorsement recognises the Netball Specialist Programme as one of the Top 5 Specialist Netball School Programmes in the state. Students have the opportunity to excel in the sport as athletes, coaches, umpires and officials for the future. Knowledge, strategies and tactics of Netball are assimilated in a progressive way to ensure athletes move from a basic to an advanced level.

### Rugby League Specialist Programme (RLSP) (only available to previously selected students)

Atwell College is one of Western Australia's leading Rugby League schools. The school-based Rugby League Specialist Programme is an elite sporting programme developed by Atwell College in conjunction with the National Rugby League Western Australia. The programme helps engage students at school and also provides outstanding opportunities to develop specific skills, knowledge and experiences.

### STEM Enrichment Programme (SEP)

A designated Science Technology Engineering Mathematics (STEM) Programme, preparing students with up-to-date skills required in industry. Students have the opportunity to participate in State and National competitions utilising these associated STEM skills. This course is supported by the Marine Industries Schools Pathway Programme with course links and activities endorsed by Curtin and Murdoch Universities. SEP and related STEM subjects are designed to enhance student knowledge and opportunities for direct placement in related industries and university courses.

## Elective subjects and payment options 2022

All elective selections are completed using the Subject Selection Online (SSO) system. Information on how to access and use SSO will be issued via the email address of Parent/Guardian 1 as shown in the school database. Please ensure that these details are up to date.

Parents and students will be able to access the [SSO link](#) on the school website from Thursday 19 August, 4pm to Thursday 26 August, 8am.

Using the SSO program, students will rank their preferred electives for the year from 1 to 10. The elective subjects listed in this handbook will only operate next year if they attract sufficient numbers. The ranked list will assist in placing students in the next available subject, so preferred rankings should be completed thoughtfully.

Where it is not specifically indicated, semester electives will run in either Semester 1 or Semester 2. More details will be provided when selecting electives in SSO.

Course costs within this handbook are indicative and will be confirmed when the Contributions and Charges are approved by the College Board. Parents will be advised before the end of Term Four 2021.

There are no maximum charges set by the State Government. Charges the College has set for the courses are **compulsory** and will depend on the course chosen. Some specific courses will incur higher costs dependent on such items as text, subject-specific resources, materials, excursions, Certificates and work placement.

50% payment is required by Friday 28 January 2022 to confirm placement in selected courses with the balance of payment due by the end of Term One 2022.

### Payment Options the College offers

**Cash/Cheque/EFTPOS/Credit Card** at Atwell College Reception Administration Building

**Direct Deposit** to Atwell College

Account Name: Atwell College  
BSB: 066-040  
Account Number: 19900946  
Reference: Student's Name



Click the icon or visit: [Atwell College Website Payments](#)

## HEALTH AND PHYSICAL EDUCATION

### Human Movement - Semester Elective – 9HUM3/4

- 2021 Course cost \$30 per semester

Human Movement has both a theoretical and practical component that allows physically active and sports minded students an opportunity to learn about how humans create movement and cope with the demands of exercise. Students will also have an opportunity to participate in practical based sessions that help develop understanding of class concepts and give them a chance to demonstrate their ability in a sporting context. Students who choose Human Movement should have received strong grades (B's or above) in Year 7 and 8 Physical Education. This course will be useful for those students who intend to study courses in the Physical Education pathway in either ATAR, General or Certificate courses for Year 11 and 12.

### Netball Specialist Programme – Year Elective – 9YNSP

- 2021 Course cost \$250 per year
- Prerequisite: C grade or higher in Year 8 Netball Specialist Programme

Students are selected based on their athletic ability, skill level, behaviour, grades and commitment. See information on the College website for further details.

### Rugby League Specialist Programme – Year Elective – 9YRLS

- 2021 Course cost \$75 per year – 9YRLS
- Prerequisite: C grade or higher in Year 8 Rugby League Specialist Programme

Students are selected based on their athletic ability, skill level, behaviour, grades and commitment. See information on the College website for further details.

## LANGUAGES

Students can choose to study either Japanese OR Mandarin.

Prospective employers love to see job applicants with some ability for communicating in an Asian language. It means there is also some knowledge of the culture and can open the door to a range of opportunities. It can also be the difference in winning an employment position, even if the job is not seemingly needing Asian language skills. Our working world extends beyond Australian shores in this technological day and age and opportunities in Asia are increasing more and more for our employers. Don't be left behind!

### Japanese - Year Elective – 9YJAP

- 2021 Course cost \$48 per year
- Prerequisite: C grade or higher in Year 8 Japanese

If you would like to broaden life and career opportunities, travel the world, learn about and experience a rich culture and communicate in a popular language, then you may want to consider studying Japanese. You will develop spoken and written language skills to a point where you can communicate with others using the Japanese language as well as experience food and cultural elements of Japan and make yourself eligible for the Year 10/11 language excursion to Japan, a once in a lifetime experience!

This course provides opportunities to a variety of exciting career paths and will prepare you for senior school courses which include an ATAR bonus.

### Mandarin - Year Elective – 9YMAN

- 2021 Course cost \$48 per year
- Prerequisite: C grade or higher in Year 8 Mandarin

Are you interested in exploring and learning about other cultures, traveling the world and being able to communicate with the most widely spoken language in the world? You will develop listening, speaking, reading and writing skills at a level that enables communication with other Chinese speakers.

This course provides opportunities to a variety of exciting career paths and will prepare you for senior school courses which include an ATAR bonus.

*The School Curriculum and Standards Authority have specific criteria for enrolling in WACE Languages Courses in Year 11 and 12. A student must meet all the criteria for enrolment, i.e. Education, Residency and time spent in country and use of language outside the classroom. Atwell College will endeavor to offer Second Language Course Pathways for both Japanese and Mandarin into Year 11 and 12, however this is dependent on student numbers.*

*For background speakers and first language speakers, please enquire with Mr. Regan – Teacher in Charge (Languages).*

## TECHNOLOGIES

### Design and Technologies

#### Metal Technology 3 - Semester 1 Elective – 9MET3

- 2021 Course cost \$120 per semester

A practical based subject that includes the use of Computer Aided Drawing (CAD) software to design projects made predominantly from metal. Students will be expected to learn and follow Occupational Health and Safety (OHS) Legislation in the workplace to safely use tools and machines commonly found in the metalworking industry. A variety of welding and brazing processes will be taught along with use of lathes, milling machines and bending equipment commonly found in the Metal Fabrication Industries. Developing hand skills will be a predominant focus in this course which is aimed at preparing students for VET Certificate II in Engineering. The projects the students make will vary according to their skill level and interest.

#### Metal Technology 4 - Semester 2 Elective – 9MET4

- 2021 Course cost \$120 per semester

A practical based subject that includes the use of Computer Aided Drawing (CAD) software to design projects made predominantly from metal. Students will be expected to learn and follow Occupational Health and Safety (OHS) Legislation in the workplace to safely use tools and machines commonly found in the metalworking industry. A variety of welding and brazing processes will be taught along with use of lathes, milling machines and bending equipment commonly found in the Metal Fabrication Industries. Developing hand skills will be a predominant focus in this course which is aimed at preparing students for VET Certificate II in Engineering. In Semester Two, the emphasis will be on the construction of more complex projects.

#### Wood Technology 3 - Semester 1 Elective – 9WDT3

- 2021 Course cost \$120 per semester

A practical based subject that includes the use of Computer Aided Drawing software to design projects made predominantly from wood. Students will be expected to learn and follow Occupational Health and Safety Legislation in the workplace to safely use tools and machines commonly found in the woodworking industry such as the band saw, router, thicknesser, biscuit cutter and drill press. The projects students make vary according to their skill level and interest. The projects the students make will vary according to their skill level and interest.

#### Wood Technology 4 - Semester 2 Elective – 9WDT4

- 2021 Course cost \$120 per semester

A practical based subject that includes the use of Computer Aided Drawing software to design projects made predominantly from wood. Students will be expected to learn and follow Occupational Health and Safety Legislation in the workplace to safely use tools and machines commonly found in the woodworking industry such as the band saw, router, thicknesser, biscuit cutter and drill press. The projects students make vary according to their skill level and interest. In Semester Two, the emphasis will be on the construction of more complex projects.

## Digital Technologies

### Information Communication Technology - Semester Elective – 9ICT3/4

- Low Cost Elective
- 2021 Course cost \$16 per semester

This course focuses on the business and applied side of computing rather than programming, as such it equips students with the essential skills demanded in the modern workplace. Topics such as cyber security, sit alongside the use of computers in business, computing in media and publishing, web design and graphical tools. Students will develop beginner to advanced skills in assorted common and specialised software packages from the likes of Microsoft & Adobe. Whilst it can be taken as a stand-alone elective, it also provides a pathway and crucial underpinning knowledge for Year 10 ICT and then later, Years 11 & 12 Applied Information Technology.

## Home Economics

### Fashion - Semester Elective – 9FAS3/4

- 2021 Course cost \$100 per semester

Fashion focuses on the design and production of clothing and accessories items using basic commercial patterns. Students will learn sewing techniques such as inserting zips, sewing on buttons and different types of seams. This course gives students the opportunity to personalise their products with a range of machines including overlockers, Circuit, embroidery and more.

### Foods 3 - Master Meals - Semester 1 Elective – 9MAM3

- 2021 Course cost \$100 per semester

A practical course where students will learn to create different dishes suitable for cooking at home using safe food handling and preparation skills. The course focuses on being creative with everyday ingredients and learning how to budget and create modern meals. Students will investigate, devise, plan, produce and evaluate recipes. Communication is key in this course where students work collaboratively to create design solutions.

### Foods 4 - Multi-cultural - Semester 2 Elective – 9MCF4

- 2021 Course cost \$95 per semester

This practical course examines aspects of nutrition and multi-cultural Australia where students explore a range of social, economic and cultural impacts on the selection and preparation of food commodities, with students then preparing a diverse range of dishes. This course aims to develop advanced skills in food handling, preparation and presentation. Students will participate in food design experiments and extend their creativity and design skills using the technology processes to investigate, devise, plan, produce and evaluate a wide range of food related topics. The course content focuses on Western Food Trends and Asian Cultures.

## **Pregnancy and Beyond - Semester Elective – 9PRB3/4**

- 2021 Course cost \$80 per semester

In this course students will enhance their knowledge of ‘the miracle of life’ by investigating the various stages and changes the human body goes through to bring a new life in to the world. Students will learn about contraception, conception, foetal development, labour and delivery of a newborn, through a series of interactive and practical assessments. Students will develop an understanding of the physical and emotional changes involved for both mother and newborn. They will also have the opportunity to reflect on their own newborn experiences by constructing and caring for a ‘rice baby’, based on their exact birth weight. Designing and making newborn toys will also be a focus in a fun and creative environment.

## **Textiles - Semester Elective – 9TEX3/4**

- Low Cost Elective
- 2021 Course cost \$16 per semester

Textiles is a practical class where students use the technology process to produce their own textile items. Using sewing machines and hand stitching skills students will make personalised décor items for their rooms and a variety of reusable, sustainable solutions from beauty to cooking products. Students have the opportunity to develop their creative and technical skills through use of simple patterns and learning about the properties and uses of natural and synthetic fibres.

## **STEM**

### **STEM Enrichment Programme**

Students are selected based on their STEM ability, skill level, behaviour, grades and commitment. Students selected to be in the STEM Enrichment Programme will be placed in Coding, Computer Aided Drawing, Electronics and Robotics subjects.

## **Coding - Year Elective – 9YCOD**

- 2021 Course cost \$120 per year

Students will apply skills and knowledge of script-based coding languages to the design and development of solutions to problems or the creation of a useful program. Students will write, test and modify code, focusing on the Java and Python coding languages. By doing so, they develop and apply critical and creative thinking skills and problem-solving strategies. These activities promote development of their skills in working collaboratively and in communicating in the context of a small peer group. To undertake this course, it is highly recommended that students bring and use their own laptop or tablet device. This course will run in conjunction with the Robotics course. It is recommended that students enrolled in this course will also undertake the Robotics course.

## **Computer Aided Drawing – Semester Elective – 9CAD3/4**

- Low Cost Elective
- 2021 Course cost \$16 per semester

A course purely aimed at developing students drawing skills using Industry Standard Software.

Students will learn how to use the software to draw mechanical plans and 3D representations of products using up to date conventions. It is highly advisable to take this course if you are interested in occupations such as Drafting, Engineering and or any Mechanical or Fabrication Industry. These skills are highly sought after in Industry.

## Electronics - Semester Elective – 9ELE3/4

- 2021 Course cost \$120 per semester

A Digital and Practical based subject that utilises Computer Aided Drawing (CAD) and Computer Aided Machining (CAM) technologies to produce projects that are made from Plastics and Composite Materials. Students adhere to Occupational Health and Safety standards in the workplace while developing understandings of electrical components and Robotic Principals. Students are required to use basic flowchart programming to perform electrical tasks.

## Robotics - Year Elective – 9YROB

- 2021 Course cost \$170 per year

Working in small groups, students will assemble, program and operate a LEGO 'Mindstorms EV3' robot. Using the Mindstorms program, they will further develop their ICT skills, linking block-based coding methods with script-based languages, such as C and Python. Students will write, test and modify code for their robot to perform complex tasks, or autonomously solve problems. Students will modify their robot to perform a greater range of functions and solve more complex problems. By doing so, they will develop and apply critical and creative thinking skills and problem-solving strategies. These activities will also promote development of their skills in working collaboratively and in communicating in the context of a small peer group. To undertake this course, it is highly recommended that students bring and use their own laptop or tablet device. This course will run in conjunction with the Coding course. It is recommended that students enrolled in this course will also undertake the Coding course.

## THE ARTS

### Class Music - Year Elective – 9YMUS

- 2021 Course cost \$80 per year

Music is a universal language. In this course, students cover a wide variety of genres, styles and topics related to music and are provided with an introduction to concepts related to contemporary music production in a practical and interactive way. The course promotes exploration and creativity using current music technology and trends. Background in playing a musical instrument is required for this subject.

### Dance 3 - Hip Hop and Jazz - Semester 1 Elective – 9DAN3

- Low Cost Elective
- 2021 Course cost \$16 per semester

The Hip Hop & Jazz Dance course introduces the students to new genres and choreography to popular music. There will be a focus on Hip Hop styles such as tutting and breakdance, energetic choreography plus genre specific technique. Students will improve their coordination, balance, strength and flexibility and have the opportunity to perform their Hip Hop or Jazz routine in front of a live audience.

### Dance 4 - Contemporary and Lyrical - Semester 2 Elective – 9DAN4

- Low Cost Elective
- 2021 Course cost \$16 per semester

The Contemporary & Lyrical Dance course introduces the students to new genres and choreography to popular music. There will be a focus on floor work, improvisation and group work plus contemporary technique. Students will improve their coordination, balance, strength and flexibility and have the opportunity to perform their Contemporary or Lyrical routine in front of a live audience.

### Drama 3 - Commedia and Movement - Semester 1 Elective – 9DRA3

- Low Cost Elective
- 2021 Course cost \$16 per semester

Students will explore the world of Commedia Dell Arte which began in Italy during the 16<sup>th</sup> Century and learn how to create interesting characters through improvisation, slapstick comedy and movement skills. Students will perform at the end of semester Drama Showcase.

### Drama 4 - Melodrama, Music and Script Work - Semester 2 Elective – 9DRA4

- Low Cost Elective
- 2021 Course cost \$16 per semester

Students will explore the world of melodrama, music and scripted performance. Using lights, sound and costume, students will bring a scripted performance to life in front of an audience.

## Graphic Design - Semester Elective – 9GRD3/4

- 2021 Course cost \$25 per semester

Using computers and tablets, students will learn the different techniques and ways that graphic designers create illustrations, manipulate photos and master font in Adobe programmes. Access to drawing tablets, cameras, go pros, and much more. Unleash the designer within! This course will assist in preparing students to take on the design courses offered in Year 11 and 12.

## Media 3 - Broadcasting and Comics - Semester 1 Elective – 9MED3

- Low Cost Elective
- 2021 Course cost \$16 per semester

Students learn to create comic books using Adobe Photoshop to add a personal flair to their comic book panels in Comic Life 3 featuring enthralling stories exploring conventions such as narrative, genre (action, romance, and manga). In a small production, students report on the heated news topics challenging society today as part of the Current Affairs news broadcasting project. Utilising Adobe Photoshop to edit graphics, students use the Canon 200 DSLR and equipment to record in front of the Green Screen Kit. Students also learn to use Adobe Premiere Pro to edit out the Green Screen Kit and replace it with a suitable background relating to the topic to convince their audiences with their persuasiveness for a riveting show!

## Media 4 – Gaming and Advertising - Semester 2 Elective – 9MED4

- Low Cost Elective
- 2021 Course cost \$16 per semester

Students will learn to create a HTML-web based video game with the help of Adobe Photoshop to create levels, characters, and power-ups. Students will bring these assets to interactive life with Adobe Dreamweaver, ready to be tested with an in-class player base and across web-browser platforms. Students will subsequently advertise the release of their video game by producing advertising with the viewpoint of being used in EB Games as a selling outlet, using a combination of Adobe Photoshop and Adobe InDesign.

## Mixing and Sampling Music - Semester Elective – 9MSM3/4

- 2021 Course cost \$24 per semester

Students develop their musical skills to create music works using software and technology. No instrumental skills are required, but always beneficial. A keen ear for beat matching and blending will get you off and running! Will you be the hottest new DJ on the scene? It is recommended that students have their own device that has appropriate software such as GarageBand that they can use which will enable work to be continued at home and provide students with the best opportunity to develop to their full potential.

## Photography 3 - Power of the Image - Semester 1 Elective – 9PHO3

- 2021 Course cost \$35 per semester

In this course, students will build skills using a DSLR camera to produce a range of photographic artworks that tell a story and focus on creating meaning. We will also learn the foundations of photography and how to best utilise the camera to create effective images. Students will utilise Photoshop to edit and merge images as well as exploring the elements of art in photography. The projects we will explore include facial merging, storytelling through images and genres of photography.

## Photography 4 - The World Around Us - Semester 2 Elective – 9PHO4

- 2021 Course cost \$35 per semester

In this course, students will get introduced to the basics of photography and learn how to use a DSLR camera. Students will utilise DSLR industry-standard cameras to produce a range of artworks that show the world around them. Students will also build their skills in Photoshop to edit and refine images. The projects we will explore include portraiture, video art photography, slow motion light painting and high-speed photography.

## Visual Art 2D - Semester 1 Elective – 9VA2

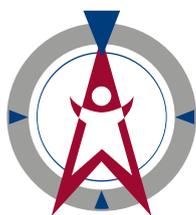
- 2021 Course cost \$50 per semester

Students will be involved in a range of Visual Arts 2 Dimensional artworks, including painting, printmaking and/or drawing. Students will investigate contemporary and historical artists in their artwork and the opportunity to display their work around the school or in our annual art exhibition.

## Visual Art 3D - Semester 2 Elective – 9VA3

- 2021 Course cost \$50 per semester

Students will be involved in a range of Visual Arts 3 Dimensional artworks, including ceramics (clay) and/or sculpture. Students will investigate contemporary and historical artists in their artwork and will have the opportunity to display their work around the school or in our annual art exhibition.



**ATWELL COLLEGE**

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