



BYFORD
SECONDARY COLLEGE



**SENIOR SCHOOL
COURSE and PATHWAY
SELECTIONS 2024**

Contents

| | |
|--|----|
| Message from the Principal | 3 |
| How to use this booklet | 4 |
| Important Dates | 4 |
| The course Selection Process | 5 |
| What to consider when selecting your Pathway and Courses | 6 |
| WACE Requirements | 7 |
| Where you can get more help | 8 |
| Careers and Education Websites | 9 |
| The VET Pathway at Byford | 11 |
| ATAR Pathway Course Descriptions | 13 |
| General Pathway Course Descriptions | 27 |
| Certificate Courses for ATAR and General | 39 |
| Certificate Courses offered at North Metro TAFE 2024 | 47 |
| Certificate Courses offered at South Metro TAFE 2024 | 49 |

Ngany kaadadjiny Noongar birdiya maaman, yoka, koolangka koora koora yeyi djoowak. Nidja Noongar boodya-k ngany nyin.

We at Byford acknowledge and pay respect to the Noongar Elders, men, women and children past, present and future. This is Noongar country we sit on.



Message from the Principal

Dear Year 10 Students,

Congratulations on your progress into Senior School. This is a very important time in your career at our College when you will be spending considerable time at school and at home thinking about your pathway towards your post-school destination. The important choices you make about your course at our College and your pathway towards success should not be made alone. As you choose your College program for Year 11 and 12 we encourage you to use our Course Selection Handbook as an important source of information. You have also been a part of a number of activities at our College which aim to support your decisions about your chosen pathway. Remember that your teachers and most importantly your family are very important sources of information and support.



Aspire to Excellence

We encourage you to carefully spend your time considering everything that is available to you so that you can make a focused and informed decision.

Our College has developed a strong tradition of supporting young people as you choose a pathway through our College towards your post school aspiration. We continue to grow a career pathway perspective within our College so that we can provide you and your family with the best possible advice and support available. The people in our Pathway Centre, our Student Hub and across our College are committed to providing you and your family with the support needed to access every viable opportunity available. Whether you are choosing a Vocational Education and Training (VET) pathway, direct or indirect university entrance (ATAR) or a workplace focused alternative, the opportunity for us to work together towards success is very important. Please take the opportunity to work in partnership because evidence shows that this is a very important ingredient in you achieving your best.

Whilst in Senior School, you will have access to excellent education and training opportunities that are delivered in partnership with local industry, community groups, universities, and training organisations. Our College is committed to supporting and closely monitoring your performance and progress so that you gradually build the skills and credentials needed in the world of work. Primarily, our College will support you achieving a Western Australian Certificate of Education (WACE) commonly known as graduation. It is important however to ensure that the full range of opportunities are considered so that we meet your specific needs within the context of a clear pathway plan. Please trust that the support and monitoring undertaken by our College aims to ensure that you have every opportunity to actively engage in the process of learning so that you achieve success. We look forward to working in partnership towards your success and I wish you luck in this process.

Paul Jones
Principal

How to Use this Booklet

This handbook provides information to parents and students to enable them to make informed decisions about their direction for Year 11 and 12 in 2024/2025.

It should be used alongside:

- ▶ The Schools Curriculum and Standards Authority (SCSA) Year 10 Information Handbook 2023
- ▶ The Learning Area and Pathways in-class presentations
- ▶ The Career Exploration Workbook which has been completed through Pathways classes
- ▶ The information provided on the TISC website: [TISCOOnline](https://www.tisc.wa.edu.au/)
- ▶ The information provided on the SCSA website: <http://www.scsa.wa.edu.au/>

This handbook outlines the three pathways and the courses available in each of them.

- ▶ Read through the information for each pathway
- ▶ Use this information to decide on your preferred courses
- ▶ Read the course descriptions on offer
- ▶ Identify the courses you wish to select
- ▶ Complete your subject selection form

Proposed Course Charges

- ▶ Please note that the proposed charges are provided with each course description.
- ▶ Charges are subject to change.
- ▶ Parents are reminded that payment of Senior School Course Charges is compulsory.

Important Dates

Term 3, Week 1

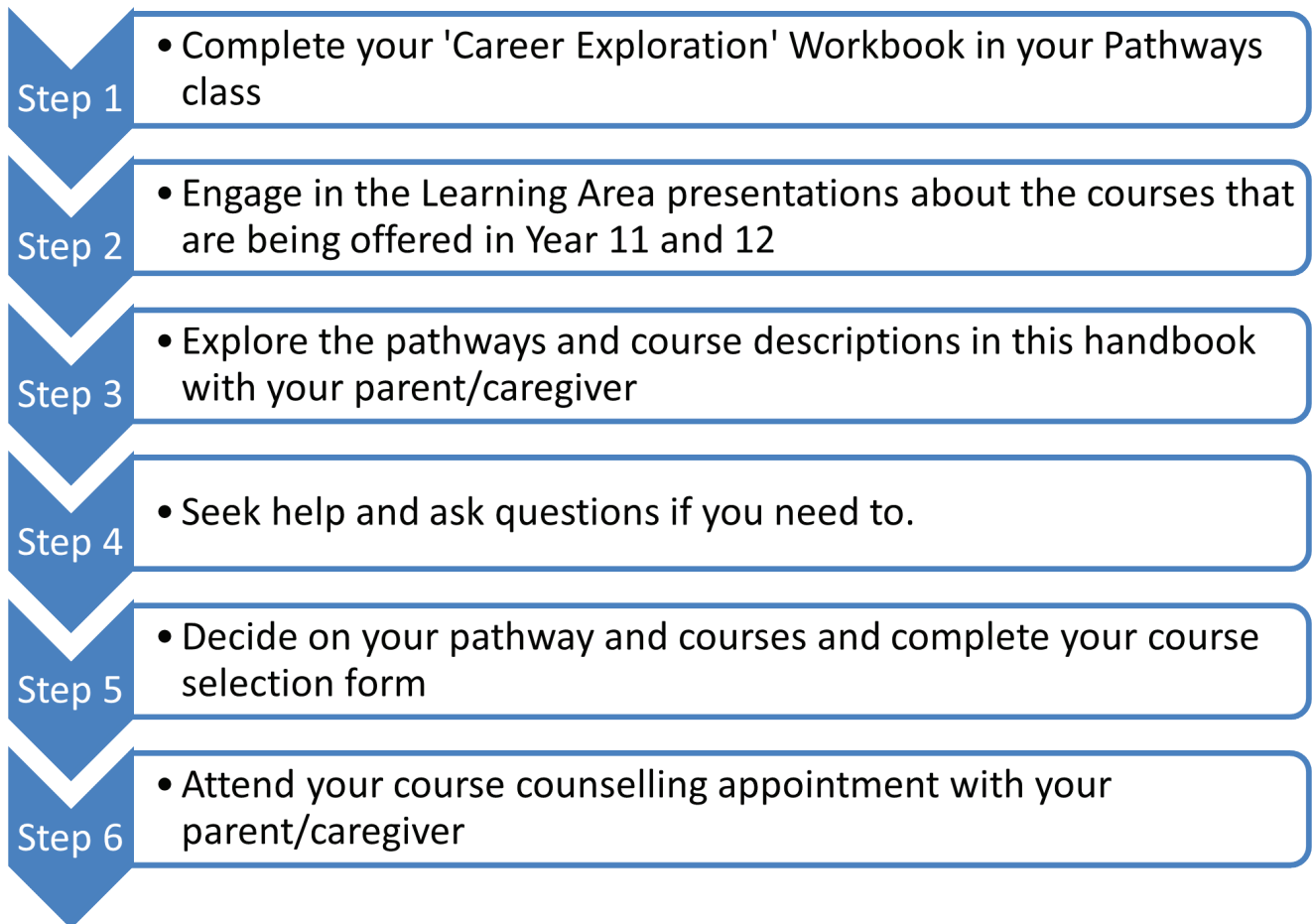
ATAR students recommendations need to be signed off by Head of Learning Areas.

Term 3, Week 2 & 3

Course Counselling appointments.

The Course Selection Process

We recommend the following steps be taken to ensure the best decision are made for your future pathway.



What to consider when selecting your pathways and courses

It is important to make an informed decision so make sure you understand all of the options and what you require for your post-school aspiration.

There are three pathways for you to choose from:

- ▶ ATAR Pathway
- ▶ General Pathway
- ▶ Vocational Education and Training (VET) Pathway

You may not have a firm idea of an occupation/industry you want to pursue and that is fine. It will be important to consider courses that you are interested in, that you have a proven ability in and keep your future career options open.

If you do have an occupation that you are interested in then you will need to consider the subjects that are required post school to access further training and study, your academic ability in these and the additional subjects you select and of course that they align with your interests.

| | |
|--------------------|---|
| Interests | <ul style="list-style-type: none">• You are much more likely to be committed and successful when doing something that interests you so focus on your interests as a starting point. |
| Strengths | <ul style="list-style-type: none">• Consider what your strengths are both in school and outside of school. Which courses enable you to use and build on those strengths. |
| Career Aspirations | <ul style="list-style-type: none">• If you have a career in mind then do some research about the qualifications required and the subjects that are either required or would be beneficial to study. |
| Academic Ability | <ul style="list-style-type: none">• You need to pass Year 11 in order to progress to Year 12 so it's important to select subjects that you will be able to achieve academic success. |
| Two Year Program | <ul style="list-style-type: none">• The subjects chosen for study in Year 11 form part of a two-year Senior School Pathway and must continue to be studied in Year 12. |

WACE Requirements

It is important to know that to achieve WACE, a student must satisfy the following:

1

General requirements

You must:

- demonstrate a minimum standard of literacy (reading and writing) and a minimum standard of numeracy
- complete a minimum of 20 units, or equivalents
- complete
 - at least four Year 12 ATAR courses **OR**
 - at least five Year 12 General courses and/or ATAR courses or equivalent **OR**
 - a Certificate II (or higher) VET qualification in combination with ATAR, General or Foundation courses.

2

Literacy and numeracy standard

For the WACE literacy and numeracy standard you may:

- pre-qualify through achieving Band 8 or higher in the reading, writing and numeracy tests of the Year 9 National Assessment Program – Literacy and Numeracy (NAPLAN), or;
- demonstrate the minimum standard of literacy and numeracy by successfully completing the relevant components of the Online Literacy and Numeracy Assessment (OLNA) in Year 10, 11 or 12.

3

Breadth and depth

You must complete a minimum of 20 units, which may include unit equivalents attained through VET and/or endorsed programs. This requirement must include at least:

- a minimum of ten Year 12 units, or the equivalent
- four units from an English course, post-Year 10, including at least one pair of Year 12 units from an English learning area course
- one pair of Year 12 units from each of List A (arts/languages/social sciences) and List B (mathematics/science/technology) subjects.

4

Achievement standard

You must achieve at least 14 C grades or higher (or equivalents) in Year 11 and Year 12 units, including at least six C grades (or equivalents) in Year 12 units.

5

Unit equivalents

Unit equivalents can be obtained through VET qualifications and/or endorsed programs. The maximum number of unit equivalents available through VET and endorsed programs is four Year 11 units and four Year 12 units with a maximum of four units with endorsed programs – two in Year 11 and two in Year 12.

Where you can get more help

In School:

| | |
|--|---|
| Matthew Bottomley Senior School Manager matthew.bottomley@education.wa.edu.au | Melissa Coombe - Head of Learning Area English melissa.coombe@education.wa.edu.au |
| Penny Walmsley Career Practitioner penny.walmsley@education.wa.edu.au | Sharni Cooper-Angell - Head of Learning Area Humanities and Social Sciences sharni.cooper-angell@education.wa.edu.au |
| Claire Hennessy Manager of Student Services – Year 10 claire.hennessy@education.wa.edu.au | Annalysse Lazzari- Head of Learning Area Health & Physical Education annalysse.lazzari@education.wa.edu.au |
| Lauren Findlay Associate Principal – Senior School Lauren.findlay@education.wa.edu.au | Christophe Demouche - Head of Learning Area Mathematics christophe.demouche@education.wa.edu.au |
| Adele Leask VET Manager adele.leask@education.wa.edu.au | Hayden Mckenna – Head of Learning Area Science hayden.mckenna@education.wa.edu.au |
| Felicia Martelli Operations Manager felicia.martelli@education.wa.edu.au | Gavan Truschel - Head of Learning Area Technologies gavan.truschel@education.wa.edu.au |
| | Craig Miles – Head of Learning Area The Arts craig.miles@education.wa.edu.au |

Outside of School:

- ▶ Parents/caregivers
- ▶ TAFE and University admission officers
- ▶ Jobs & Skills Centre staff

Also see the career and educational websites.

Careers and Educational Websites

The following websites may help students to investigate and determine their post-school options.

Career Research

| | |
|-------------------------------------|---|
| Department of Education | https://www.education.wa.edu.au/career-development |
| Jobs and Skills Centre | www.jobsandskills.wa.gov.au |
| Career research | www.careersonline.com.au |
| My Future | www.myfuture.edu.au |
| Multicultural Service Centre | https://www.mscwa.com.au/our-programs/job-skills-centre-jsc/ |
| SCSA | https://senior-secondary.scsa.wa.edu.au/further-resources/year-10-information |
| Jobs profiles | https://labourmarketinsights.gov.au/ |
| Skills Road | https://skillsroad.com.au/ |
| Centrelink | www.humanservices.gov.au |

TAFE

| | |
|-------------------------|---|
| South Metro TAFE | https://www.southmetrotafe.wa.edu.au/ |
| North Metro TAFE | https://www.northmetrotafe.wa.edu.au/ |
| TAFE Information | https://www.tafecourses.com.au/resources/what-is-tafe/ |

Universities

| | |
|--|---|
| University of Western Australia | https://www.uwa.edu.au/ |
| Murdoch University | https://www.murdoch.edu.au/ |
| Edith Cowen University | https://www.ecu.edu.au/ |
| Curtin University | https://www.curtin.edu.au/ |
| Notre Dame University | https://www.notredame.edu.au/ |
| Tertiary Institutions Services Centre | www.tisc.edu.au |

Careers and Educational Websites

Apprenticeships & Traineeships

| | |
|-------------------------------------|---|
| Apprenticeships and Traineeships | https://www.dtwd.wa.gov.au/apprenticeship-office |
| Apprenticeships and Traineeships | https://www.apprenticeshipcareers.com.au/difference-between-apprenticeship-and-traineeship |
| Australian Apprenticeship support | https://www.apprenticeshipsupport.com.au/states/Western-Australia |
| Apprenticeship Central | https://apprenticeshipcentral.com.au/ |
| Apprentice Employment Network | https://aenwa.com.au/ |
| Apprenticeship Community | https://www.apprenticeshipcommunity.com.au/ |
| Australian Apprenticeships Pathways | aapathways.com.au |

Specific Industries

| | |
|----------------------------------|---|
| Australian Defence Force Academy | www.defencejobs.gov.au |
| College of Electrical Training | https://www.cet.asn.au/About-CET |
| Plumbing and Painting | https://www.mpaskills.com.au/ |

Job Searches

| | |
|---------------------------|--|
| Australia wide job search | www.jobsearch.gov.au |
| Vacancies Australia wide | www.seek.com.au |



Vocational Education and Training (VET) Pathway

The VET Pathway Program is structured differently to both the General and ATAR Pathways, with students only spending 3 days at school and 2 days off-site.

| Monday | Tuesday | Wednesday | Thursday | Friday |
|--|---------|-----------|---|--------|
| Three days at school studying 4 General Subjects: <ul style="list-style-type: none"> ▶ English ▶ Maths ▶ Career and Enterprise, and ▶ Health, or ▶ Physical Education | | | <i>Two days out of school taking a combination of:</i> <i>Certificate course at TAFE/RTO and Authority Developed Workplace Learning (ADWPL) or a school-based apprenticeship / Traineeship</i> | |

The VET Pathway Program can be a viable and alternative entry pathway to university. For example: a Certificate IV course can meet entry requirements for some universities, provided English language competency requirements and course related criteria are met.

Vocational Education and Training (VET):

- ▶ Provides skills and knowledge that is required to perform effectively in the workplace. VET qualifications are specific to particular jobs in industry.
- ▶ Qualifications are nationally recognised and are accepted throughout Australia.
- ▶ Qualifications, along with workplace learning, provide essential skills which are transferable across multiple employment and education pathways.
- ▶ Students must have a valid USI to enrol.

How does VET contribute to the Western Australian Certificate of Education (WACE)?

- ▶ VET can contribute significantly towards WACE. For example, a Certificate II in Building and Construction Pathway Trades or a Certificate II in Workplace Skills contribute equivalent to 4 unit equivalents (or C grades) towards WACE.
- ▶ Completed qualifications recorded as part of secondary schooling are listed on the Western Australian Statement of Student Achievement (WASSA) along with individual units of competency achieved.

Authority Developed Workplace Learning (ADWPL)

- ▶ Workplace Learning is an Authority-developed endorsed program. Students participating in the VET Pathway Program are required to complete Workplace Learning.
- ▶ This is a SCSA endorsed program that provides students up to 4 unit equivalents (or C grades) towards their WACE.
- ▶ Students source their own workplace based on the requirements of their Certificate Course. The Workplace Learning Officer works with the student and the workplace to organise the paperwork and insurance.
- ▶ Students are required to keep a work placement log-book and skills journal as part of their placement to achieve these C grades.

Vocational Education and Training (VET) Pathway

School-based apprenticeships and traineeships

- ▶ School-based Apprenticeship and Traineeships are not selected during subject selections, rather they may become available at various times throughout the school year.
- ▶ School-based apprenticeships and traineeships are paid employment training arrangements between a full-time school student and an employer.
- ▶ School-based apprenticeships and traineeships allow young people to combine their senior school studies with paid part-time employment and off-the-job training with a Registered Training Organisation (RTO). Students develop employment skills through hands-on industry experience within an actual workplace and study a nationally recognised qualification.
- ▶ Students who are enrolled in a School-based Apprenticeship or Traineeship will complete it as a VET Pathways student, spending 3 days at school, one day in the workplace and one day at an RTO.

Who are school-based apprenticeships and traineeships for?

- ▶ This option is for students who are interested in pursuing a career pathway in a specific trade or vocation and want to complete their senior schooling.

Important points to Consider

- ▶ As part of their course selection process, students are able to complete an expression of interest for the VET Pathway. This does not guarantee a place in this Pathway as students will need to apply to TAFE / External Private RTO, for their chosen Certificate Course and then be successful in receiving a placement offer from them.
- ▶ Students who nominate for the VET Pathway will have an additional meeting with the VET Manager to discuss their course options. Parents are encouraged to attend this additional meeting. Students will also be offered assistance to complete their TAFE / External RTO application.
- ▶ Unsuccessful applicants will not be able to participate in the VET Pathways and will join the General or ATAR Pathway selected as part of their Course selection.
- ▶ It is important to note that many of the TAFE courses are very competitive.
- ▶ Some of the training programs in the VET Pathways Program require the student to travel a considerable distance in order to participate.

ATAR Pathway

Australian Tertiary Admissions Rank (ATAR) courses typically have an academic focus. Students seeking to achieve an ATAR need to complete a minimum of four Year 12 ATAR courses. Although usually undertaken to access university studies, ATAR courses are also excellent preparation for a range of post-school pathways, including vocational training. The ATAR Pathway provides a direct entry to university.

The ATAR Pathway provides a direct entry to university:

To be considered for university admission as a school leaver, an applicant must:

1. Meet the requirements for the Western Australian Certificate of Education (WACE) as prescribed by the Schools Curriculum and Standards Authority (SCSA),
2. Achieve competence in English as prescribed by the individual universities,
3. Obtain a sufficiently high Australian Tertiary Admission Rank (ATAR) for entry to a particular university and/or course (Edith Cowan University may not require an ATAR for some pathways); and
4. Satisfy any prerequisites or special requirements for entry to particular courses.

Full details regarding individual university entrance requirements and processes are available from the TISC website: [TISCOnline](https://www.tisc.wa.edu.au/).

Students completing the ATAR pathway at Byford Secondary College are required to:

- ▶ Select: 4 or 5 ATAR Courses and a Certificate Course
- ▶ If only selecting four ATAR courses, then students must pick one additional General course to complete their timetable
- ▶ Must take ATAR English
- ▶ Must take a Mathematics course (General or ATAR)

| ATAR COURSES (Select THREE + 1 MATHS + 1 GENERAL, or FOUR ATAR + GENERAL MATHS) | |
|---|-------------------------------|
| Biology | Media Production and Analysis |
| Chemistry | Modern History |
| Geography | Physics |
| Health Studies | Politics and Law |
| Human Biology | Psychology |
| Mathematics: Applications | Physical Education Studies |
| Mathematics: Methods | |
| Mathematics: Specialist | |
| CERTIFICATE COURSES (Select ONE) | |
| ICT20120 Certificate II in Applied Digital Technology | |
| CUA20220 Certificate II in Creative Industries (Media) | |
| CUA20120 Certificate II in Dance | |
| SIT20322 Certificate II in Hospitality | |
| CUA20620 Certificate II in Music Industry | |
| SIS20321 Certificate II in Sport Coaching | |
| CUA20720 Certificate II in Visual Art | |

ATAR Pathway

Possible subject combinations:

5 ATAR subjects plus 1 CERTIFICATE COURSE

4 ATAR subjects plus 1 GENERAL subject and 1 CERTIFICATE COURSE

Pre-requisites required for an ATAR course:

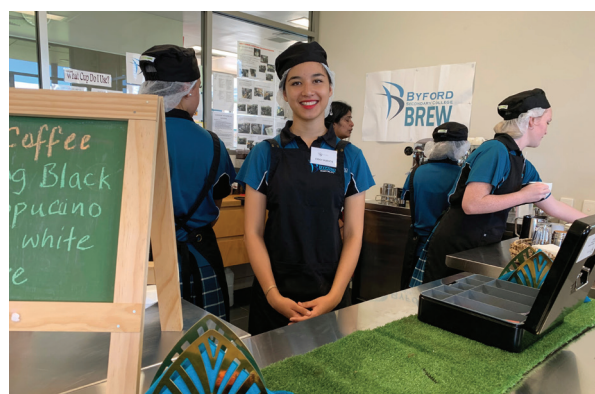
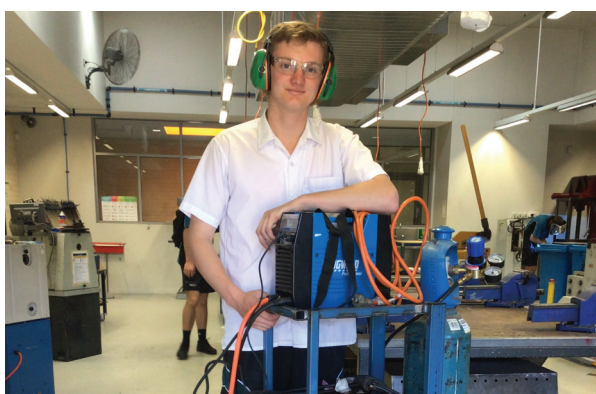
- ▶ Have achieved NAPLAN Band 8 or above in Literacy and Numeracy
- ▶ Achieved 60% or above in Semester 1 in that subject
- ▶ HOLA endorsement signature

Students are recommended to study 5 ATAR courses, which then serves as a “back-up” subject (in case they do not perform well), however, students need to realise that the workload and study of 5 ATAR subjects is more rigorous than 4 ATAR subjects.

Please Note

If a Year 10 student has not met the pre-requisites, they will not be permitted to select that Year 11 course.

However, following significant academic improvement in Semester 2, and demonstration of Year 11 course prerequisites being met, a student can schedule an interview (with the Associate Principal/ Senior School Manager) to reconsider their eligibility for an ATAR pathway. Note: The availability of places in specific courses at this late stage may be limited.



Course Descriptions

English: ATAR

Cost: \$50.00

Course information:

This course focuses on developing students' analytical, creative, and critical thinking and communication skills in all language modes, encouraging students to critically engage with texts from their contemporary world, the past, and from Australian and other cultures. Through close study and wide reading, viewing and listening, students develop the ability to analyse and evaluate the purpose, stylistic qualities and conventions of texts and to enjoy creating imaginative, interpretive, persuasive and analytical responses in a range of written, oral, multimodal and digital forms.

Skills gained from this course:

- Students develop skills in listening, speaking, reading, viewing and writing.
- Capacity to create texts for a range of purposes, audiences and contexts.
- Understanding and appreciation of different uses of language.
- Understand the use of language for communication.
- Analyse, evaluate and create sustained imaginative, interpretive and persuasive texts in a range of modes.
- Engage in critical analysis and evaluation.

How this course can be used in the future:

You should select this course because It is a prerequisite for ATAR university entrance for all courses (including English Literature). Or if you are interested in analysing texts and developing your critical thinking skills.

Biology: ATAR

Cost: \$80.00

Course information:

A unique appreciation of life and a better understanding of the living world are gained through studying the Biology ATAR course. This course encourages students to be analytical, to participate in problem-solving and to systematically explore fascinating and intriguing aspects of living systems, from the microscopic level through to ecosystems.

Students develop a range of practical skills and techniques through investigations and fieldwork in authentic contexts, such as marine reefs, endangered species, urban ecology, or biotechnology. Scientific evidence is used to make informed decisions about controversial issues.

Skills gained from this course:

- Ability to apply biology concepts to a range of systems.
- Learn a range of practical skills including fieldwork.
- Communicate understanding through a range of formats including lab reports.

How this course can be used in the future:

Can contribute towards ATAR score for university entry. Useful background for careers related to health, medicine or environmental science.

Course Descriptions

Chemistry: ATAR

Cost: \$80.00

Course information:

In the ATAR Chemistry course, students will learn about the properties of atoms and chemical bonding, and how this can be used to explain the properties and uses of metals and non-metals. Students will use their understanding of reaction types to identify unknown substances and plan the synthesis of new chemical compounds. They will also learn about the factors that affect reaction rates, and apply this understanding to explain conditions used in industrial synthesis processes. By looking at examples such as water purification and biofuels, students will gain a better understanding of how Chemistry relates to topics such as sustainability and innovation.

Through practical activities and experiments, students will gain an understanding of laboratory procedures. Students will plan investigations, collect data and analyse data to draw conclusions. They will also learn to analyse data collected from other sources and make judgements based on evidence. Students also are introduced to calculations and mathematical problem-solving, using the concept of the 'mole' to calculate amounts of products and reactants in chemical reactions.

Important Note:

It is recommended that students also select Mathematics- Applications: ATAR (or higher).

Skills gained from this course:

- Ability to apply scientific understanding to industrial, environmental and everyday contexts.
- Ability to plan, conduct and analyse data from scientific experiments.
- Ability to apply mathematical understanding in a scientific context.

How this course can be used in the future:

Can contribute towards ATAR score for university entry.

Relates to a large range of fields, including biology, medicine, geology and engineering.

A common pre-requisite or desirable subject for many university Science courses.

Course Descriptions

Geography: ATAR

Cost: \$80.00

Course information:

The purpose of this course is to create curiosity about the diversity of the world's places and their peoples, cultures, and environments. Students will investigate and analyse a range of natural and ecological hazards facing Australia and the global community, e.g. bushfires, nuclear disasters. Students will develop a range of skills as they explore the distribution of resources and their journey through the global community, e.g. bauxite and its applications to the world, or the emergence of football's many variations. Students will conduct inquiries and fieldwork to explore current and projected challenges in the world and the strategies in place to address them. They will be required to complete response-based tasks and practical skills tests where they can show their understanding of geographical content and skills. As this is an ATAR course, students will end each semester with the completion of a formal examination.

Skills gained from this course:

- Data collection and interpretation.
- Mapping and remote sensing capabilities.
- Practical inquiry skills.

How this course can be used in the future:

Builds student awareness about the concept of sustainability which is guiding many future industries. Increases a student's ability to use cartographic, diagrammatic, graphical, and photographic modes of communication. Helps to create a global citizen who understands the current and projected challenges of our world.

Course Descriptions

Health Studies: ATAR

Cost: \$65.00

Course information:

In this ATAR course students explore health as a dynamic quality of life. Students examine the impact of social, environmental, economic and biomedical determinants on health and their collective contribution to health disparities, as well as exploring approaches to address barriers which prevent groups from experiencing better health. Students apply inquiry skills to examine and analyse health issues, develop arguments and draw evidence-based conclusions. The course also provides students with opportunities to develop skills that will enable them to pursue careers in health promotion, research or community health care.

Students learn about health determinants and their impact on health. Health promotion is explored and used as a framework for designing approaches to improve health. Health promotion is explored and used as a framework for designing approaches to improve health. Students examine attitudes, beliefs and norms and their impact on decision-making, and develop a range of key health skills. Students extend their understandings of factors influencing health, and actions and strategies to protect and promote health through inquiry processes.

Course information:

Students learn about community development and how community participation can improve health outcomes. Students examine the influence of attitudes, beliefs, and norms on community health behaviours; apply investigative and inquiry processes to analyse issues influencing the health of communities; and develop appropriate responses. The impact of technology on interpersonal skills and strategies for managing such influences are also a focus.

Skills gained from this course:

- Data collection and interpretation.
- Mapping and remote sensing capabilities.
- Practical inquiry skills.

How this course can be used in the future:

Builds student awareness about the concept of sustainability which is guiding many future industries. Increases a student's ability to use cartographic, diagrammatic, graphical, and photographic modes of communication. Helps to create a global citizen who understands the current and projected challenges of our world.

Course Descriptions

Human Biology: ATAR

Cost: \$80.00

Course information:

The Human Biology ATAR course gives students a chance to explore what it is to be human—how the human body works, the origins of human variation, inheritance in humans, the evolution of the human species and population genetics. Through their investigations, students research new discoveries that increase our understanding of human dysfunction, treatments and preventative measures.

Practical tasks are an integral part of this course and develop a range of laboratory skills; for example, biotechnology techniques. Students learn to evaluate risks and benefits to make informed decisions about lifestyle and health topics, such as diet, alternative medical treatments, use of chemical substances and the manipulation of fertility.

Skills gained from this course:

- Ability to apply biology concepts to the human body.
- Ability to apply the scientific method to answer research questions.

How this course can be used in the future:

Can contribute towards ATAR score for university entry.

Useful background for university degrees involving health, medicine or sports science

Mathematics- Applications: ATAR

Cost: \$50.00

Course information:

This course focuses on the use of mathematics to solve problems in contexts that involve financial modelling, geometric and trigonometric analysis, graphical and network analysis, and growth and decay in sequences. It also provides opportunities for students to develop systematic strategies based on the statistical investigation process for answering statistical questions that involve analysing univariate and bivariate data, including time series data.

The Mathematics Applications ATAR course is designed for students who want to extend their mathematical skills beyond Year 10 level, and whose future studies or employment plans do not require knowledge of calculus. The course is designed for students who have a wide range of educational and employment aspirations, including continuing their studies at university or TAFE.

Skills gained from this course:

- Mathematics Applications is an ATAR course which provides opportunities for students to develop systematic strategies and use mathematics effectively, efficiently and critically to make informed decisions in their daily lives.
- Applications provides students with the mathematical knowledge, skills and understanding to solve problems in real contexts, in a range of workplace, personal, further learning and community settings.

How this course can be used in the future:

You should select this course because:

You want to use Mathematics Applications ATAR as a University entrance course or TAFE.

If your future pathways involve a wide range of educational and employment aspirations that require a sound level of numeracy and mathematical understanding. Such areas could include nursing, childcare and administration.

Course Descriptions

Mathematics- Methods: ATAR

Cost: \$50.00

Course information:

This course focuses on the use of calculus and statistical analysis. The study of calculus provides a basis for understanding rates of change in the physical world. It includes the use of functions, their derivatives and integrals, in modelling physical processes. The study of statistics develops students' ability to describe and analyse phenomena that involve uncertainty and variation.

Mathematics Methods provides a foundation for further studies in disciplines in which mathematics and statistics have important roles. It is also advantageous for further studies in the health and social sciences. This course is designed for students whose tertiary studies and employment may involve mathematics and statistics and their applications.

Skills gained from this course:

- Demonstrate an understanding of the basic concepts.
- Calculate with functions, matrices and vectors.
- Recognise situations where functional methods can be applied to chemistry, biology, and health.
- Apply the methods in straightforward real-life examples.

How this course can be used in the future:

This course is designed to prepare students for study at university in courses which require a good level of mathematical knowledge and skills. This course includes calculus which is often required knowledge for science and engineering degrees. Other areas might include architecture, computer science, business or economics.

Course Descriptions

Mathematics- Specialist: ATAR

Cost: \$50.00

Course information:

This course provides opportunities to develop rigorous mathematical arguments and proofs, and to use mathematical models beyond those presented in the Mathematics Methods course. Mathematics Specialist contains topics in functions and calculus that build on and deepen the ideas presented in the Mathematics Methods course, and demonstrates their application in many areas.

The course introduces the topics of vectors, complex numbers and matrices and extends understanding and knowledge of statistics. It is the only ATAR mathematics course that is not taken as a stand-alone course and is studied in conjunction with the Mathematics Methods ATAR in preparation for university courses such as engineering, physical sciences and mathematics.

Skills gained from this course:

- Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.
- Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- The ability to choose the right mathematical methods or formulas to solve a problem.
- The ability to apply general rules to specific problems to produce answers that make sense.
- The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events).
- The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations).

How this course can be used in the future:

You should select this course because:

You want to use Mathematics Specialist ATAR as a University entrance course Mathematics Specialist ATAR is a prerequisite for a course you wish to study at university If you have a strong interest in mathematics, including those intending to study mathematics, statistics, all sciences and associated fields, economics or engineering at university.

Course Descriptions

Media Production and Analysis: ATAR

Cost: \$80.00

Course information:

The Media Production and Analysis ATAR course aims to prepare students for a future in a digital and interconnected world by providing the skills, knowledge and understandings to tell their own stories and interpret the stories of others. Media is an ever-growing industry that crosses over with many other industries around the world. The skills you learn can be used in a range of other jobs and generally in life to make you a more active citizen. Students as media consumers are encouraged to explore, experiment and interpret their world, reflecting and analysing contemporary life, while understanding that this is done under social, cultural and institutional constraints. Students as creators of media produce creative and relevant productions that reflect their interests and personal style. These may include TV dramas, documentaries and artistic films. A significant percentage of the course is dedicated to producing media and working within a variety of production roles.

Skills gained from this course:

- Creativity, critical thinking, media and technology literacy, flexibility, problem solving and leadership skills are all 21st century skills that you develop in this course that are essential for working in most industries.
- You will develop the skills to be critical of the media landscape around you allowing you to be a more active and aware citizen in society.

How this course can be used in the future:

This course provides you with skills that are valuable in any industry. With many employers looking for people who can film, edit, think creatively, provide marketing insights and work collaboratively with others, this is the perfect course to develop these skills. Specific Media related jobs that relate to this course include a Journalist, Filmmaker/Director, Editor, Social Media Manager, Marketing, Content Producer, Radio Host, etc.

Course Descriptions

Modern History: ATAR

Cost: \$100.00

Course information:

The Modern History ATAR course aims to improve students' understanding of how today's world has been shaped while providing a deeper understanding of the world in which they live. The focus of this course is on 20th century historical events. The events are looked at from a local, national and international perspective.

The course aims to develop students' understanding of how particular events, ideas and movements have shaped the modern world. This will be through the students undertaking historical inquiry, including research, evaluation of sources and communicating their findings. Students will look at the cause and effect of decisions and actions of groups and individuals as well as the significance and contestability of events studied.

Possible areas of study for Unit 1 – 'Understanding the Modern World' could include, the Enlightenment, the American Revolution or Capitalism – the American experience. The focus of this unit is examining a development or turning point that has helped to define the modern world. Possible areas of study for Unit 2 – 'Movements for Change' could include Nazism in Germany, women's movements or decolonisation. Students will undertake a detailed study of one major 20th century movement to investigate how individuals, groups or institutions have challenged existing political structures, accepted social organisation to transform society.

Skills gained from this course:

- Learn complex problem-solving and critical thinking skills to consider multiple perspectives of events, people and ideas.
- Develop and explain your ideas clearly, using evidence to form an argument.
- Create and organise information, and analyse evidence to draw conclusions.

How this course can be used in the future:

Police Officer, Forensic Officer, Surveyor, Writer, Journalist, Lawyer, Legal Secretary, Intelligence Analyst, Human Resources Officer, Editor, Political Assistant.

Course Descriptions

Physical Education Studies: ATAR

Cost: \$150.00

Course information:

Physical Education Studies contributes to the development of students' physical, social and emotional growth. In the Physical Education Studies ATAR course students learn about physiological, psychological and biomechanical principles, and apply these to analyse and improve personal and group performances in physical activities. Throughout the course, students learn through integrated written, oral and active learning experiences.

Explore anatomical and biomechanical concepts, the body's responses to physical activity, and stress management processes, to improve the performance of themselves and others in physical activity. Identify the relationship between skill, strategy and the body in order to improve the effectiveness and efficiency of performance.

Skills gained from this course:

- Ability to analyse the performance of themselves and others, apply theoretical principles and plan programs to enhance performance.
- Ability to use mental skills training concepts; motor learning and coaching concepts; and
- manipulate tactical understanding of games and activities to improve outcomes

How this course can be used in the future:

The course provides students with opportunities to develop skills that will enable them to pursue personal interests and potential in physical activity as athletes, coaches, officials, administrators and/or volunteers.

The course also provides students with an increasingly diverse range of employment opportunities in the sport, leisure and recreation industries, education, sport development, youth work, and health and medical fields linked to physical activity and sport.

Course Descriptions

Physics: ATAR

Cost: \$80.00

Course information:

The Physics ATAR course students will apply their critical thinking skills and scientific understanding to explain how the world around us works. Students will learn about energy transformations in various context such as heating processes, nuclear reactions and electrical circuits. This course also studies forces and motion in 2-dimensions and waves.

Through investigations, experiments and course work, the students will further develop their problem solving and analytical skills in applying their knowledge to explain and predict physical phenomena. This course enables students to develop their mathematical skills and relate their understanding to other subjects such as Chemistry and Music.

Prerequisites:

Due to the heavy focus on mathematics in the ATAR Physics course, it is strongly recommended that students also select ATAR Mathematics Methods and ATAR Mathematics Specialist.

Skills gained from this course:

- Ability to apply theoretical understanding to explain physical phenomena.
- Ability to apply mathematical understanding in a scientific context.
- Ability to critical analyse various everyday situations to determine how the world around us works.

How this course can be used in the future:

Can contribute towards ATAR score for university entry.

The analysis and problem solving skills gained will be useful for any university degree, TAFE courses or other education pathways.

Relates to a wide range of careers, including teaching, research, engineering, medicine, computing.

Course Descriptions

ATAR Politics and Law

Cost: \$50.00

Course information:

The Politics and Law ATAR course provides a critical study of the way power and decision making in our nation is organised and how disagreements within our society are settled. It examines the style of government we have, the powers of our parliaments and the people in Australia and other countries – including Great Britain, America and Canada. It also examines the types of disputes that can arise in our society and the ways that these are settled.

The skills and values developed throughout the course allow students to become more informed, active and effective participants at school, as citizens in the community and in their career at a local, state, national and international level.

Skills gained from this course:

- Learn complex problem-solving and critical thinking skills to consider multiple perspectives of events, people and ideas.
- Develop and explain your ideas clearly, using evidence to form an argument.
- Create and organise information, and analyse evidence to draw conclusions.

How this course can be used in the future:

Studying Politics and law can lead into working in areas of law reform and justice agencies, the civil and criminal justice systems, government, education, and law-relevant fields like management and human resources, media and communications, industrial relations, human rights, journalism, social services and legal support

ATAR Psychology

Cost: \$80.00

Course information:

This course applies scientific understanding to explain the behaviour of individuals and groups. Students will learn about the structure and function of the brain, and how theorists explain individual traits such as personality and intelligence. The course also studies the way that different people interact, including topics such as behaviour in groups, effective communication, and the causes of racism and prejudice.

As an ATAR Science subject, a heavy component of the course will focus on research methods. Students will learn how experimental methods can be applied to the field of psychology, including writing hypotheses, controlling variables and analysing data. The course will also require students to critically evaluate the historical experiments which underpin current psychological theories, taking into account the validity of the studies, their limitations and ethical concerns. Students will also develop their ability to communicate through formal writing, including laboratory reports.

Skills gained from this course:

- Ability to apply theoretical understandings to explain human behaviour.
- Ability to apply the scientific method to answer research questions.
- Ability to communicate through formal scientific writing.

How this course can be used in the future:

Can contribute towards ATAR score for university entry.

The analysis and research skills gained will be useful for any university degree.

Relates to a wide range of careers, including social work, teaching, human resources, and business management.

General Pathway

These courses are primarily intended for students who are typically aiming to enter further vocational training or to enter the workforce after they leave school. General courses don't have externally set exams like ATAR courses, but they do have a compulsory externally set task in Year 12 worth 15 per cent of a student's overall assessment. Students may be able to use some general courses as part of an alternative entry pathway to some university courses

Students select 5 General Subjects and one Certificate Course.

Students studying the General pathway at Byford Secondary College are required to:

- ▶ Study English: General and Mathematics Essentials: General
- ▶ Select 3 further General courses from the table below
- ▶ Select one Certificate Course from the table below

It is important to read the course descriptions, so that you are very clear about the content you will study and that it matches your expectations.

These are the subjects to select from:

| GENERAL COURSES (Select THREE) | |
|--|---|
| Ancient History | Applied Information Technologies. |
| Business Management and Enterprise | Design: Technical Graphics |
| Career and Enterprise | Food Science and Technology |
| Children, Family and the Community | Human Biology |
| Dance | Integrated Science |
| Geography | Materials, Design and Technology: Metal |
| Health Studies | Materials, Design and Technology: Wood |
| Visual Arts | Physical Education Studies |
| | Psychology |
| | |
| CERTIFICATE COURSES (Select ONE) | |
| ICT20120 Certificate II in Applied Digital Technology | |
| CUA20220 Certificate II in Creative Industries (Media) | |
| CUA20120 Certificate II in Dance | |
| SIT20322 Certificate II in Hospitality | |
| CUA20620 Certificate II in Music Industry | |
| SIS20321 Certificate II in Sport Coaching | |
| CUA20720 Certificate II in Visual Art | |

Course Descriptions

English: General

Cost: \$50.00

Course information:

The English General course focuses on consolidating and refining the skills and knowledge needed by students to become competent, confident and engaged users of English in everyday, community, social, further education, training and workplace contexts. The course is designed to provide students with the skills to succeed in a wide range of post-secondary pathways by developing their language, literacy and literary skills. Students comprehend, analyse, interpret, evaluate and create analytical, imaginative, interpretive and persuasive texts in a range of written, oral, multimodal and digital forms.

Skills gained from this course:

All senior secondary English courses aim to:

- Develop students' ability to listen, speak, read, view and write.
- Create texts for a range of purposes, audiences and contexts.
- Understand and appreciate different uses of language.
- Use and apply language and information effectively, confidently and creatively in vocational, community and academic contexts and enhance their broader communication skills.
- Understand the ways in which text structure, stylistic features and register combine to make meaning and influence responses.
- Be proficient in comprehending and creating a range of written, oral, multimodal and digital forms.
- Work collaboratively, interacting confidently and effectively with others in everyday, community, social and applied learning contexts.

How this course can be used in the future:

This course develops literacy skills to the required standard for WACE attainment. These skills will prepare students for the literacy requirements of TAFE and employment.

Maths Essentials: General

Cost: \$50.00

Course information:

The Mathematics Essential General course focuses on using mathematics effectively, efficiently and critically to make informed decisions. It provides students with the mathematical knowledge, skills and understanding to solve problems in real contexts for a range of workplace, personal, further learning and community settings. This course provides the opportunity for students to prepare for post-school options of employment and further training.

Skills gained from this course:

- Ability to apply mathematical thinking process to real-world problems.
- Ability to use reasoning and interpretive skills in mathematical and statistical contexts.
- Ability to choose and use technology appropriately.

How this course can be used in the future:

Maths General – really useful to have as many apprenticeships, traineeships, TAFE courses require maths competency. Great for keeping future pathway opportunities open. Occupations such as Book Keeping, Air-conditioning and Refrigeration Mechanic.

Course Descriptions

Ancient History: General

Cost: \$50.00

Course information:

The Ancient History course is for all students of all abilities. We will support your development of important literacy skills. This course explores the lives of ancient civilisations, cultures and peoples and the science behind how we came to understand them.

Unit 1 looks at the Celtic peoples. Studying bog bodies, students will create their own museum artefacts to demonstrate knowledge of how the science helps us understand the geological and cultural elements that led to the preservation of these artefacts. While studying Ancient Egypt, students will be recreating a Pharaoh's tomb to reveal the meaning behind the images in the tombs, and how this information helps us learn more about Ancient Egyptian society and culture, using Tutankhamun as a key focus.

In this course students will explore history's greatest events from the assassination of Julius Caesar, and conquests of Alexander the Great to the mythos of ancient gods and how they are all still present in our modern culture.

Skills gained from this course:

- Learn complex problem-solving and critical thinking skills to consider multiple perspectives of event people and ideas.
- Develop and explain your ideas clearly, using evidence to form an argument.
- Create and organise information, and analyse evidence to draw conclusions.

How this course can be used in the future:

Police Officer, Forensic Officer, Surveyor, Writer, Journalist, Lawyer, Legal Secretary, Intelligence Analyst, Human Resources Officer, Editor, Political Assistant.

Applied Information Technologies: General

Cost: \$50.00

Course information:

The Applied Information Technology General course provides students with the knowledge and skills to use a range of computer hardware and software to create, manipulate and communicate information in an effective, responsible and informed manner. enable students to use technology to meet personal needs. Students investigate managing data, common software applications and wireless network components required to effectively operate within a small business environment. They examine the legal, ethical and social impacts of technology within society.

Skills gained from this course:

- Use a variety of software applications to investigate, design, construct and evaluate digital products and digital solutions.
- Students develop an understanding of computer systems;
- management of data

How this course can be used in the future:

The course offers pathways to further studies and a range of technology-based careers and a set of skills that equip students for the 21st century and give them an appreciation of the impact of information technology on society

Course Descriptions

Business Management and Enterprise: General

Cost: \$50.00

Course information:

The Business Management and Enterprise General course equips students with knowledge and skills that will allow them to proactively participate in the dynamic world of business, behave responsibly and demonstrate integrity in business activities. This course also gives students the opportunity to understand how important the business environment is to individuals and society, and how it impacts aspects of our lives. These goals are achieved through focus on three key areas, Business Concepts, Business in Society and Innovation and Operations. In the Business Concepts area of the course students examine the theory that underpins business practice, for example the theory that informs marketing and advertising decisions for businesses. Students will examine Business in Society to understand the relationships between society as a whole and the business world within the society, for example students examine various legal requirements that impact and shape business activity. Finally, Innovation and Operations involves students investigating the real-life skills and processes required to manage the operations of a business.

In Year 11 students look at establishing a small business in Australia and operating a small business in Australia. In Year 12 the focus is on; success in business at a national level and what it takes to be a long-term successful business, and business growth and challenges faced by businesses expanding at the national level.

Skills gained from this course:

- Improved ability to read and understand information required for effective business operations (i.e., legal and accountancy information).
- Improved numeracy through exposure to charts, financial statements, statistics, graphs, and models that display business data.
- Development of entrepreneurial thinking to imagine possibilities, consider alternatives, and seek and create innovative solutions to business issues and events.

How this course can be used in the future:

Allows students to utilise deeper understanding of business operations to become more active members of the business and employment world during transition from high school to workforce. Development of critical/creative thinking skills to apply to all areas of life in future.



Course Descriptions

Career and Enterprise: General

Cost: \$50.00

Course information:

The world of work that our students are entering into is constantly changing. Depending on the industry a student is interested in, it can look very different from the workplace their parents entered as young people. Students now need to be lifelong learners who are able to adapt and be proactive and enterprising in their own career management.

Within this course, students are given the opportunity to increase their knowledge and understanding of the work and career choices available to them as well as how to develop networks that can help with their school to work transitions. They also investigate what skills and attributes are needed for employment and identify their personal strengths which can help them with career development opportunities and decisions.

This course looks at the different types of work that are available to them, how to relate to others as well as recognising that work both reflects and shapes the culture and values our society has. Within the Career and Enterprise course, students will be given opportunities to develop the following skills initiative, problem-solving, self-management, self-promotion, communication and teamwork skills.

Skills gained from this course:

- Students can develop problem-solving skills, entrepreneurial behaviours, work skills (including resume writing and cover letters), self-promotion and communication skills. They will also be given the opportunity to develop their interviewing skills and knowledge of workplace practices.

How this course can be used in the future:

Through this course, students will develop key workplace knowledge and skills that will help them in any future workplace they enter. In addition, they will develop skills and strategies to promote lifelong learning and work/life balance.

Children, Family and the Community: General

Cost: \$90.00

Course information:

The Children, Family and the Community General Course focusses on human development and the wellbeing of individuals, families and communities. Students undertake shared research, examine goal setting and self-management, as well as developing decision making, communication and cooperation skills. These skills are used to develop products, services or systems that will assist individuals, families and the communities to achieve their needs and wants.

Skills gained from this course:

- Decision making, goal setting, communication and cooperation skills that can be used in the workplace.
- Knowledge and understanding of human development .
- Ability to apply skills learned to develop products and services for individuals, families and the community.

How this course can be used in the future:

Occupations such as Childcare Worker, Community Assistant, Care and Mental Health Workers. Knowledge and skills learned can be used in future TAFE and tertiary pathways.

Course Descriptions

Dance: General

Cost: \$80.00

Course information:

The General Dance course acknowledges the interrelationship between practical and theoretical aspects of dance – the making and performing of movement and the appreciation of its meaning. Through decision-making in individual and group work, students use a wide range of creative processes, such as improvisation and the use of choreographic elements and devices to create dance works. They also learn how dance styles and forms are historically derived and culturally valued. Through dance, students experience an intrinsic sense of enjoyment and have an opportunity to achieve a high level of movement skills. This is a course where a significant amount of time is dedicated to students choreographing, learning, rehearsing, preparing theatre designs and performing dance pieces in a variety of forms and styles. These may include contemporary, jazz and cultural dance styles.

Skills gained from this course:

- Creativity, critical thinking, information and technology literacy, flexibility, problem solving and leadership skills are all 21st century skills that you develop in this course that are essential for working in most industries.

How this course can be used in the future:

This course is an excellent gateway to being a Dance Teacher (in a school or Dance studio), owning a Dance studio, being a Choreographer or Professional Dancer, working on cruise ships, television shows or movies. You could also move into other areas like being a Pilates or Yoga Instructor, or lighting and set design for theatres. The collaborative and creative skills that you learn can be transferred to any industry you work in.

Food Science and Technology: General

Cost: \$150.00

Course information:

The Food Science and Technology General Course provides practical and theoretical opportunities for students to explore food related interests and skills. Knowledge of the properties of food is applied, in practical situations, with students investigating the food supply chain and value adding techniques to meet consumer and producer requirements. Students learn occupational health and safety requirements, food handling practices and a variety of processing (cooking) techniques.

Skills gained from this course:

- Ability to apply principles of dietary planning, adopting recipes and processing techniques to real world problems.
- Ability to use practical food production and processing skills.
- Ability to select and use appropriate technology in a food context.

How this course can be used in the future:

Enhance career opportunities in industries that include nutrition, health, food processing and hospitality. Occupations such as Nutritionist, Child Care Worker, Kitchen Hand/Apprentice Chef, Beverage Manager and many other service-based careers.

Teaches valuable life skills that can be applied in a variety of situations.

Course Descriptions

Geography: General

Cost: \$50.00

Course information:

The purpose of this course is to create curiosity about the diversity of the world's places and their peoples, cultures, and environments. Students will investigate and analyse a local environment area and identify how we are protecting this location from environmental risks, e.g. Penguin Island in the Shoalwater Islands Marine Park.

They will also explore the natural and man-made characteristics of a region, e.g. Tourism in the Peel Region, and the processes that have led to its changes over time including the challenges it may face in the future. Students will conduct inquiries to investigate current and projected challenges in the local environment and the strategies in place to address them. They will be required to complete fieldwork/practical skills tasks and tests where they can show their understanding of the geographical content and skills.

Skills gained from this course:

- Data collection and interpretation.
- Mapping and remote sensing capabilities.
- Practical inquiry skills.

How this course can be used in the future:

Builds student awareness about the concept of sustainability which is guiding many future industries. Increases a student's ability to use cartographic, diagrammatic, graphical, and photographic modes of communication. Helps to create a global citizen who understands the current and projected challenges of our world.

Course Descriptions

Health Studies: General

Cost: \$65.00

Course information:

In this General Course students explore health as a dynamic quality of life. They will consider the way in which beliefs and attitudes influence health decisions and learn how to plan and take action that will promote their own and the health of others. They examine the impact of social and environmental factors on health and use inquiry skills to investigate and respond to relevant issues.

There is a focus on personal health and wellbeing and what it means to be healthy. Students explore factors which influence their health, and design action plans to improve health and achieve set goals. Key consumer health skills and concepts, and the relationship between beliefs, attitudes, values and health behaviour, and the impact of social and cultural norms are introduced. Key self-management and interpersonal skills required to build effective relationships are explored. Health inquiry skills are developed and applied to investigate and report on health issues.

Students explore actions, skills and strategies to cope with health influences and improve health. In addition to health determinants, the influence of cognitive dissonance on decision making and the role of communities in shaping norms and expectations are explored. Self-management and cooperative skills are examined and students continue to develop and apply health inquiry skills.

Skills gained from this course:

- Develop research skills that can be applied to a range of health issues or concerns.
- Ability to apply self-understanding and decision-making skills.
- Ability to apply communication and cooperation skills.

How this course can be used in the future:

The course provides students with opportunities to develop skills that will enable them to pursue careers in health promotion, research or community health care. Great for providing a variety of post-school pathways, including immediate employment or tertiary studies.

Course Descriptions

Human Biology: General

Cost: \$80.00

Course information:

The Human Biology General Course gives students a chance to explore how the human body works. Students focus on bones, muscles, nerves and hormones, and how they maintain the body to act in a coordinated manner. The causes and spread of disease and how humans respond to invading pathogens are studied, as well as the role of males and females in the process of reproduction.

Students investigate the body systems through real or virtual dissections and practical examination of cells, organs and systems. They research contemporary treatments for dysfunctions of the body systems and are encouraged to use ICT to interpret and communicate their findings in a variety of ways. Second-hand data is used to investigate transmission of diseases from a historical perspective and recent global incidences.

Skills gained from this course:

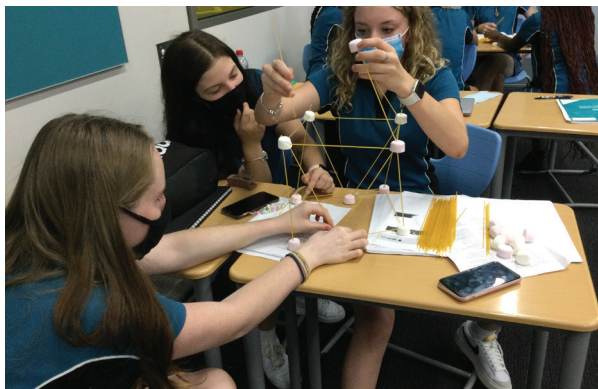
- Ability to apply biology concepts to the human body.
- Ability to apply the scientific method to answer research questions.

How this course can be used in the future:

Could be a useful background for entering TAFE pathway related to nursing.

Relevant for careers involving sports science or personal training.

Understanding the human body can help us make healthy life choices.



Course Descriptions

Integrated Science: General

Cost: \$80.00

Course information:

The Integrated Science General course provides the opportunity for students to think about scientific concepts in practical real-world applications. The subject incorporates aspects of chemistry, physics, biology and earth sciences. The course is designed to be hands-on, and features a lot of practical activities, experiments and investigations.

Students will learn about the impact of human activity on cycles in nature and the functioning of these systems at the organism, cellular and molecular level. They will also research the impact that humans are having on nature's cycles, such as the water cycle and carbon cycle. Through topics like forensic science, students will also investigate the energy and matter, and will learn how atomic structure and the laws of motion can be used to provide evidence in the legal cases.

Skills gained from this course:

- Ability to apply the scientific method to research questions.
- Collect data from experiment and interpret it to find meaning.
- Apply scientific concepts to a wide range of fields including environmental science and forensic science.

How this course can be used in the future:

This subject is great preparation for any Science-based TAFE courses.

A very versatile subject so it keeps career options open.

The ability to use data to support arguments is a key skill in any industry.

Materials, Design and Technology- Metal: General

Cost: \$150.00

Course information:

The Materials, Design and Technologies (Metal) General Course is a practical based course where students design and manufacture products made from metal. Students will learn and practice manufacturing processes and technologies including the principles of design, planning and management, and production skills. Students will leave this course with at least one practical self-designed and manufactured product per semester and a number of smaller skills products.

Skills gained from this course:

- Ability to apply practical skills to a variety of situations within and outside of a metal context.
- Ability to design, produce and evaluate products to meet consumer requirements.
- Ability to plan and manage practical tasks to solve a variety of problems.

How this course can be used in the future:

Occupations that include the Apprentice Boiler Maker/Welder, other metal trades, Fitter and Turner, Engineer, Tradesman's Assistant, Plant/Machine Operator.

Valuable life skills that can be applied in real life situations such as vehicle and body repair, hobbies and community engagement.

Occupational health and safety practices that can be applied in a variety of industries

Course Descriptions

Materials, Design and Technology- Wood: General

Cost: \$150.00

Course information:

The Materials, Design and Technologies (Wood) General Course is a practical based course where students design and manufacture products made from timber. Students will learn and practice manufacturing processes and technologies including the principles of design, planning and management, and production skills. Students will leave this course with at least one practical self-designed and manufactured product per semester.

Skills gained from this course:

- Ability to apply practical skills to a variety of situations within and outside of a wood context.
- Ability to design, produce and evaluate products to meet consumer requirements.
- Ability to plan and manage practical tasks to solve a variety of problems.

How this course can be used in the future:

Occupations that include the Apprentice Carpenter/Cabinet Maker, other timber trades, Industrial Designer, Engineer (materials), Hammer Hand, Plant/Machine Operator.

Valuable life skills that can be applied in real life situations such as renovating/home maintenance, hobbies and community engagement.

Occupational health and safety practices that can be applied in a variety of industries.

Physical Education Studies: General

Cost: \$110.00

Course information:

Physical Education Studies contributes to the development of students' physical, social and emotional growth. The Physical Education Studies General Course provides students with opportunities to understand and improve performance through the integration of theoretical concepts and practical activities.

Development of students' knowledge, understanding and application of anatomical, physiological and practical factors associated with performing in physical activities. The impact of physical activity on the body's anatomical and physiological systems. Students are introduced to these concepts which support them to improve their performance as team members and/or individuals

Skills gained from this course:

- Ability to make informed decisions and as a result apply communication and cooperation skills in undertaking selected roles.
- Ability to engage as a Performer, Leader, Coach, Analyst and Planner of physical activity.
- Ability to make on-the-spot decisions to apply and enhance movement patterns in solving tactical problems.

How this course can be used in the future:

Cements the understanding for an active lifestyle to be maintained post schooling through promoting the physical, social and emotional growth of students.

Students develop skills that can be utilised in leisure, recreation, education, sport development, youth work, health and medical fields.

Great for providing a variety of post-school pathways, including immediate employment or tertiary studies.

Course Descriptions

Psychology: General

Cost: \$100.00

Course information:

General Psychology applies an understanding of Science to how people think, feel and act. Students will learn about different theories of personality and intelligence and apply these theories to different situations. They will learn about the effect that peers, parents and the media have on individuals as they grow up, and how we use communication skills to build positive relationships with others. Students will also learn about group behaviour, stereotyping, and differences in attitudes between cultures.

Students will continue to build upon their understanding of scientific research methods. The course teaches about the ethical requirements of psychological research, such as informed consent and confidentiality. Students will collect data through surveys and observations and will create tables and graphs to represent their data. Through scientific reports, students will communicate the findings from experiments and investigations.

Skills gained from this course:

- Ability to apply psychology to everyday situations.
- Ability to analyse data from experiments.
- Ability to communicate ideas to different audiences.

How this course can be used in the future:

Topics are relevant for different situations in life.

An understanding of people is useful in a wide range of jobs.

The literacy and numeracy skills which are gained will be beneficial in future education or employment.

Visual Arts: General

Cost: \$150.00

Course information:

In the Visual Arts General course, students engage in traditional, modern and contemporary media and techniques within the broad areas of art forms. The course promotes innovative practice and may include production of 2D and 3D pieces. Students are encouraged to explore and represent their ideas and gain an awareness of the role that artists and designers play in reflecting, challenging and shaping societal values. Students are encouraged to appreciate the work of other artists and engage in their own art practice. The focus for Unit 1 is experiences. Students' base art making and interpretation on their lives and personal experiences, observations of the immediate environment, events and/or special occasions. The focus for Unit 2 is explorations. Students explore ways to generate and develop ideas using a variety of stimulus materials and explorations from their local environment in their art making and interpretation.

Skills gained from this course:

- Creativity, critical thinking, information and technology literacy, flexibility, problem solving and initiative skills are all 21st century skills that you develop in this course that are essential for working in most industries.
- The ability to think creatively and outside the box is essential in any industry, and this course is the perfect opportunity to develop those skills.

How this course can be used in the future:

This course is designed for those students who are interested may be considering further studies in areas such as visual arts, design, interior design, fashion design or other creative arts industries.

School Based Vocational Education and Training Certificates

For General and ATAR Pathway students

All General and ATAR Pathway students are required to select one school-based Certificate from the list below.

Students complete a nationally recognised vocational education and training (VET) qualification. VET builds skills and knowledge in and for the workplace. Students may use VET qualifications to count towards the Western Australian Certificate of Education (WACE).

Students must have a valid USI to enrol.

Byford Secondary College provides students with opportunities to gain skills, experience, and recognition from diverse industry areas by completing a VET certificate at the school through the VET Delivered to Secondary Students (VETDSS) program.

Students are timetabled into their chosen certificate like they would be any other school subject so they can complete their qualification at school without having to attend an external training organisation.

These certificate courses require a formal partnership agreement with an RTO for the delivery of the qualification.

Year 11 2024 offerings include:

| CERTIFICATE COURSES (Select ONE) |
|--|
| ICT20120 Certificate II in Applied Digital Technology |
| CUA20220 Certificate II in Creative Industries (Media) |
| CUA20120 Certificate II in Dance |
| SIT20322 Certificate II in Hospitality |
| CUA20620 Certificate II in Music Industry |
| SIS20321 Certificate II in Sport Coaching |
| CUA20720 Certificate II in Visual Art |

Please be aware the course will only run if viable.

Course Descriptions

ICT20120 Certificate II in Applied Digital Technology **Cost: \$150.00**

Course information:

Skills Strategies International 2401

For this program, the school has partnered with Skills Strategies International (RTO 2401).

The Certificate II in Applied Digital Technologies will give you the foundation skills to either seek general employment or commence further study in IT. Learn the Basics of using and maintaining software, hardware, systems, digital and social media.

The qualification is designed for those wishing to develop the necessary digital and technology skills in preparation for work. Students carry out a range of basic procedural and operational tasks that require digital and technology skills.

Students will have the opportunity to develop a wide range of foundation digital skills which can lead to career pathways in the ICT, design or business industries.

Upon satisfactory completion of all units in this course, a student will attain a national qualification.

Skills gained from this course:

- Ability to apply theoretical understandings to explain human behaviour.

How this course can be used in the future:

Can contribute towards ATAR score for university entry.

The analysis and research skills gained will be useful for any university degree.

Relates to a wide range of careers, including social work, teaching, human resources, and business management.

Course Descriptions

CUA20220 Certificate II in Creative Industries (Media)

Cost: \$150.00

Skills Strategies International 2401

Course information:

For this program, the school has partnered with Skills Strategies International (RTO 2401).

The Certificate II Creative Industries (Media Focus) course is an excellent gateway into developing the skills required in the media industry. This two year course has a focus on a broad range of skills, such as film, television, photography and other aspects of multimedia, students will gain skills that will be beneficial for not only a media workplace, but most other industries as well.

Students learn essential team-work skills that employers of most industries are looking for, as well as developing workplace health and safety knowledge and experience in a simulated workplace environment. The course content may include filming and editing short films, advertisements or news stories, filming music videos or other performances, podcasting, photography and image editing and presentation of live television shows in a studio.

No experience in media is necessary to complete this course and you will be taught how to use camera equipment, studio equipment, editing software and other requirements in the media production process. There are written components of the course, however a significant percentage of the course is practical based. All written and practical components must be completed in order to achieve the certification at the end of the two years.

Skills gained from this course:

Creativity, critical thinking, media and technology literacy, flexibility, problem solving and leadership skills are all 21st century skills that you develop in this course that are essential for working in most industries.

How this course can be used in the future:

This course provides you with skills that are valuable in any industry. With many employers looking for people who can film, edit, think creatively, provide marketing insights and work collaboratively with others, this is the perfect course to develop these skills. Specific media related jobs that relate to this course include a Filmmaker/Director, Film or TV crew member, Editor, Social Media Manager, Marketing, Content Producer, Radio Host, etc.

Course Descriptions

CUA20120 Certificate II in Dance

Cost: \$150.00

Course information:

COSAMP 41549

This program is delivered through COSAMP (RTO 41549).

The Certificate II Dance course is an excellent gateway into the performing arts and entertainment industry. This two-year course will provide students with the technical skills, performance skills, knowledge, and attitudes, to begin the process of establishing a career in the industry. There will be opportunities for students to showcase their practical work at competitions and concerts throughout the duration of the course.

Students will be introduced to and perform dance styles and techniques in the genres contemporary, jazz and street dance. They will also be provided with the opportunity to develop audition techniques and preparation techniques for live audiences. The skills learnt in the course can be applied to everyday fitness and coordination, to further training in dance and performance, and to a deeper appreciation of dance and the performing arts.

No experience in dance is necessary to complete this course, it is suited to all students interested in any form of movement and dance. You will be taught the technique and skills required to perform all dance styles. There are written components of the course, however a significant amount of this course is practical based. All written and practical components must be completed in order to achieve the qualification at the end of the two years.

Skills gained from this course:

Creativity, critical thinking, creative arts industry knowledge and literacy, flexibility, problem solving, leadership skills and performance skills are all 21st century skills that you develop in this course that are essential for working in most industries.

How this course can be used in the future:

This course is an excellent gateway to being a Dance Teacher (in a school or Dance studio), owning a Dance studio, being a Choreographer or Professional Dancer, working on cruise ships, television shows or movies. You could also move into other areas like being a Pilates or Yoga Instructor, or lighting and set design for theatres. The collaborative and creative skills that you learn can be transferred to any industry you work in.

Course Descriptions

SIT20322 Certificate II in Hospitality

Cost: \$195.00

Course information:

IVET 40548

This program is delivered through IVET (RTO 40548)

The Certificate II Hospitality qualification will provide students with the entry level skills and knowledge to work in the hospitality industry. This qualification will be delivered over two years and reflects the role of individuals who have a defined range of hospitality operational skills and basic industry knowledge. Students will learn a broad range of skills to help you decide which area of hospitality you wish to follow, for example, prepare and present sandwiches, prepare and service non-alcoholic beverages, use hospitality skills effectively, prepare and service espresso coffee, work effectively with others and interact with customers. In this qualification students will be expected to perform to industry standards across a range of activities in both the classroom and a workplace setting by participating in the hosting of functions.

Upon satisfactory completion of all units for this course, a student will attain a national qualification.

Skills gained from this course:

- Barista (espresso coffee maker) skills that can be applied in Café and restaurant settings.
- Food safety and preparation techniques.
- Service industry knowledge and skills that can be applied in a number of careers.

How this course can be used in the future:

Occupations that include Kitchen Hand/Apprentice Chef, Barista/Café Worker, Front of House/Maitre D, Childcare Worker and other service industry careers.

Can be used as entry to further study in the Hospitality Industry.

Valuable workplace communication skills that can be applied in a variety of contexts.

Course Descriptions

CUA20620 Certificate II in Music Industry

Cost: \$150.00

Course information:

COSAMP 41549

This program is delivered through COSAMP (RTO 41549).

In Year 11 students have the opportunity to commence a CUA20615 Certificate II in Music Industry. Delivered over two years, this course is focused on developing practical music skills such as solo and group performance, recording and editing. Upon satisfactory completion of all units in this course, students will attain a national qualification.

Students who enrol in this course will develop skills that enable the learner to perform a range of routine tasks within the music industry. This course is ideal for students interested in music performance, recording and live production. After the completion of this course students should have the ability to independently learn pieces of music and perform them in band, solo and small group style situations. Students will also gain knowledge of the music Industry and methods for promoting a live acts and organising small performance events.

Applicants will be asked to complete a short informal audition prior to joining the course. As part of the course students will be required participate in performances outside of usual school hours.

Skills gained from this course:

- The ability to independently learn and rehearse musical parts.
- The ability to perform in public situations.
- The ability to communicate effectively, collectively set goals and execute a plan. (Project Management).
- The ability to identify areas for personal development and provide effective, constructive feedback to others.
- 21st century skills that are relevant to most industries that you can gain from this course include creativity, critical thinking, media and technology literacy, flexibility, problem solving and communication skills.

How this course can be used in the future:

This course provides foundational training for occupations in the music Industry, eg. Sound/Lighting Technician, Performer, Recording Engineer, Arts Administration etc. It also provides skills and knowledge to pursue higher education in music, or be a Music Teacher. Lastly, it allows students to independently pursue music as a hobby after school.

Course Descriptions

SIS20321 Certificate II in Sports Coaching - General context

Cost: \$150.00

Course information:

IVET 40548

This program is delivered through IVET (RTO 40548).

Over two years students have the opportunity to achieve SIS20319 Certificate II in Sports Coaching. Students who complete this program will develop a variety of skills and the knowledge to contribute to sport at the community level in assistant coaching or official roles. The program includes practical coaching and officiating experience that will challenge and ultimately build student confidence, and decision-making skills. The opportunity also exists for students to improve their own sporting performance by learning about physical conditioning.

Where a student satisfactorily meets all requirements of the course, a student will attain a national qualification.

Important Note:

This certificate can be studied as a General, Netball or AFL context.

Skills gained from this course:

- Ability to communicate with participants and parents.
- Ability to plan and manage training & competition at a foundation and community level.
- Ability to officiate confidently and competently.

How this course can be used in the future:

The course also provides students with opportunities to develop skills that will enable them to pursue careers in Coaching, as an emerging Athlete, Fitness Centre Assistant, Health and Physical Education Teacher, Recreation Centre Sport Coordinator, Personal Trainer.

Course Descriptions

Certificate II in Visual Arts

Cost: \$160.00

Course information:

Skills Strategies International 2401

Let your creativity flow in the College Visual Arts Program! You will learn how to create two and three-dimensional forms in a variety of visual art mediums and may have opportunities to work with industry standard professional artists and designers through the College's Artist in Residence program.

You will develop skills in all the studio areas of drawing, painting, printmaking, ceramics, sculpture and design. Through the development of a portfolio of practical work and the production of resolved studio artworks, students develop the basic creative and technical skills that underpin visual arts and craft practice.

This is a two-year course and to achieve the full certificate students must enrol in the course in Year 11 and continue in Year 12. Students who complete only one year will only achieve a statement of attainment for those units in which they have demonstrated competency.

Skills gained from this course:

- Creativity, critical thinking, information and technology literacy, flexibility, problem solving and initiative skills are all 21st century skills that you develop in this course that are essential for working in most industries.
- The ability to think creatively and outside the box is essential in any industry, and this course is the perfect opportunity to develop those skills.

How this course can be used in the future:

This course is designed for those students who are interested may be considering further studies in areas such as visual arts, design, interior design, fashion design or other creative arts industries.

Please note that the subjects chosen for study in Year 11 form part of a two-year Senior School Pathway and must continue to be studied in Year 12.

Certificate Courses offered at North Metro TAFE 2024

AUTOMOTIVE

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--|---------|----------------------------|----------|
| AUR20720 Certificate II in Automotive Vocational Preparation | Midland | Monday, Thursday or Friday | 3 terms |

BUILDING AND CONSTRUCTION

| QUALIFICATION | CAMPUS | DAY | DURATION |
|---|----------|---------------------|----------|
| CPC20220 Certificate II in Construction Pathways (Building Maintenance) | Clarkson | Thursday AND Friday | 3 terms |
| | Balga | Thursday AND Friday | 3 terms |

LABORATORY OPERATIONS

| QUALIFICATION | CAMPUS | DAY | DURATION |
|---|------------|--------|----------|
| MSL20122 Certificate II in Sampling and Measurement | East Perth | Friday | 3 terms |

BUSINESS AND FINANCE

| QUALIFICATION | CAMPUS | DAY | DURATION |
|---|------------------|---------------------|----------|
| BSB30120 Certificate III in Business | Perth | Thursday AND Friday | 3 terms |
| BSB30120 Certificate III in Business (Medical Administration) | Perth | Thursday AND Friday | 3 terms |
| | Joondalup, Perth | Thursday AND Friday | 3 terms |
| FNS30317 Certificate III in Accounts Administration | Perth | Thursday AND Friday | 3 terms |

CREATIVE INDUSTRIES

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--|-------------|--------------------|----------|
| CUA31020 Certificate III in Screen and Media (Animation & Game Art) | Perth | Thursday or Friday | 3 terms |
| CUA31020 Certificate III in Screen and Media (Film & Television) | Perth | Thursday or Friday | 3 terms |
| CUA31020 Certificate III in Screen and Media (Photography, Media and Content Creation) | Perth | Thursday | 3 terms |
| CUA31020 Certificate III in Screen and Media (Radio Broadcasting) | Leederville | Thursday | 3 terms |

EDUCATION & COMMUNITY SERVICES

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--|--|---------------------|----------|
| CHC22015 Certificate II in Community Services | Leederville, Joondalup (Kendrew), Mount Lawley | Friday | 3 terms |
| CHC32015 Certificate III in Community Services | Mount Lawley | Thursday AND Friday | 3 terms |

Certificate Courses offered at North Metro TAFE 2024

ENGINEERING & MINING

| QUALIFICATION | CAMPUS | DAY | DURATION |
|---|-------------------|---------------------|----------|
| 52845WA Certificate II in Autonomous Workplace Operations | East Perth | Friday | 3 terms |
| CPP20121 Certificate II in Surveying and Spatial Information Services | East Perth | Friday | 3 terms |
| MEM20422 Certificate II in Engineering Pathways | Clarkson, Midland | Thursday AND Friday | 3 terms |
| TLI27121 Certificate II in Rail Infrastructure | Midland | Thursday or Friday | 3 terms |
| PMB30121 Certificate III in Polymer Processing | Midland | Thursday AND Friday | 3 terms |

HEALTH, BEAUTY & FITNESS

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--|----------------------------|---------------------|----------|
| SHB20216 Certificate II in Salon Assistant | Balga, Midland | Thursday | 3 terms |
| SIS30321 Certificate III in Fitness | Joondalup (Kendrew) | Thursday | 6 terms |
| | Joondalup (Kendrew), Perth | Thursday AND Friday | 3 terms |

Fee For Service courses

| QUALIFICATION | CAMPUS | DAY | DURATION | COST |
|--|-------------|---------------------|----------|---------|
| SIS40421 Certificate IV in Sport Development | Leederville | Thursday AND Friday | 3 terms | \$3900* |

Certificate Courses offered at South Metro TAFE 2024

AEROSPACE MARITIME AND LOGISTICS

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--|-----------|---------------------------------------|---|
| SFI20119 Certificate II in Aquaculture | Fremantle | Thursday (1 day a week) | 1 year (3 terms) |
| SFI20119 Certificate II in Aquaculture | Fremantle | Friday (1 day a week) | 1 year (3 terms) |
| MEA20418 Certificate II in Aeroskills (Aeroskills Mechanical Pre-Apprenticeship) | Jandakot | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| TLI20421 Certificate II in Supply Chain Operations* | Fremantle | Friday (1 day a week) | 6 months course (two intakes a year: semester 1 and semester 2) |
| AVI30219 Certificate III in Aviation (Cabin Crew) | Jandakot | Thursday and Friday (2 days per week) | 1 year (3 terms and 3 weeks) |
| AVI30419 Certificate III in Aviation (Remote Pilot)* | Fremantle | Thursday (1 day a week) | 6 months course (two intakes a year: semester 1 and semester 2) |
| AVI30419 Certificate III in Aviation (Remote Pilot)* | Fremantle | Friday (1 day a week) | 6 months course (two intakes a year: semester 1 and semester 2) |

AGRICULTURE, ANIMAL, SCIENCE AND ENVIRONMENT

| QUALIFICATION | CAMPUS | DAY | DURATION |
|---|---------------------|-----------------------|--------------------|
| AHC20416 Certificate II in Horticulture | Murdoch | Friday (1 day a week) | 2 years(18 months) |
| MSL20122 - Certificate II in Sampling and Measurement | Murdoch | Thursday | 2 years(7 terms) |
| MSL20122 - Certificate II in Sampling and Measurement | John Tonkin College | Friday | 2 years (7 terms) |

AUTOMOTIVE

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--|----------|-------------------------|------------------|
| AUR20720 Certificate II in Automotive Vocational Preparation - Light, Heavy & Electrical Rotation | Kwinana | Thursday (1 day a week) | 1 year (3 terms) |
| AUR20720 Certificate II in Automotive Vocational Preparation - Light, Heavy & Electrical Rotation | Kwinana | Friday (1 day a week) | 1 year (3 terms) |
| AUR20720 Certificate II in Automotive Vocational Preparation - Light, Electrical, Panel & Paint Rotation | Carlisle | Thursday (1 day a week) | 1 year (3 terms) |
| AUR20720 Certificate II in Automotive Vocational Preparation - Light, Electrical, Panel & Paint Rotation | Carlisle | Friday (1 day a week) | 1 year (3 terms) |

Certificate Courses offered at South Metro TAFE 2024

BUILDING AND CONSTRUCTION

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--|--|---------------------------------------|-------------------|
| 52893WA Certificate II in Building and Construction (Pathway Trades) Brick & Blocklaying | Thornlie | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| 52893WA Certificate II in Building and Construction (Pathway Trades) Carpentry & Joinery | Thornlie | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| 52893WA-AD10 Certificate II in Building and Construction (Pathway Trades) Painting and Decorating Pre-Apprenticeship | Thornlie | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| 52893WA-AD10 Certificate II in Building and Construction (Pathway Trades) Painting and Decorating Pre-Apprenticeship | Mandurah Regional Trades Skills Centre | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| 52893WA Certificate II in Building and Construction (Pathway Trades) | Mandurah | Thursday | 2 years |
| 52893WA Certificate II in Building and Construction (Pathway Trades) | Rockingham | Thursday | 2 years |
| 52893WA Certificate II in Building and Construction (Pathway Trades) | Rockingham | Friday | 2 years |
| 52825WA Certificate II in Building and Construction (Pathway – Para-professional) | Thornlie | Thursday | 2 years |
| R1120720 Certificate in Civil Construction | Thornlie | Thursday and Friday (2 days per week) | 1 year |
| UEE22020-AC54 Certificate in Electrotechnology (Career Start) (Electrotechnology Pre-Apprenticeship) | Thornlie | Monday | 2 years (6 terms) |
| UEE22020-AC54 Certificate in Electrotechnology (Career Start) (Electrotechnology Pre-Apprenticeship) | Thornlie | Wednesday | 2 years (6 terms) |
| UEE22020-AC54 Certificate in Electrotechnology (Career Start) (Electrotechnology Pre-Apprenticeship) | Rockingham | Thursday | 2 years (6 terms) |
| MSF20313 Certificate II in Furniture Making | Thornlie | Friday | 2 years |
| 52887WA – AC56 Certificate II in Plumbing (Pre-Apprenticeship) | Rockingham | Thursday | 2 years |

BUSINESS AND FINANCE

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--------------------------------------|----------|----------|----------|
| BSB30120 Certificate III in Business | Thornlie | Thursday | 5 terms |
| BSB30120 Certificate III in Business | Mandurah | Thursday | 5 terms |

CREATIVE INDUSTRIES

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--|---------|----------|------------------|
| MST20616 Certificate II in Applied Fashion Design and Technology | Bentley | Thursday | 1 year (3 terms) |
| MST20616 Certificate II in Applied Fashion Design and Technology | Bentley | Friday | 1 year (3 terms) |

Certificate Courses offered at South Metro TAFE 2024

DEFENCE

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--|---------------------|---------------------------------------|---|
| 22586VIC-AD16 Certificate II in Integrated Technologies (Pre-vocational) – Robotics Control Stream | Munster | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| 22586VIC-AE01 Certificate II in Integrated Technologies (Pre-vocational) – Security systems stream | Rockingham | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| UEE21920 Certificate II in Electronics | Rockingham | Friday | 1 year (3 terms) |
| UEE21920 Certificate II in Electronics | Thornlie | Friday | 1 year (3 terms) |
| UEE20520 Certificate II in Computer Assembly and Repair | Thornlie | Thursday | 1 year (3 terms) |
| ICT20120 Certificate II in Applied Digital Technologies | Thornlie | Friday | 1 year |
| TLI20421 Certificate II in Supply Chain Operations | Fremantle | Friday (1 day a week) | 6 months course (two intakes a year: semester 1 and semester 2) |
| MEM20105-AA50 Certificate II in Engineering (Heavy Fabrication Pre-Apprenticeship) | Thornlie | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| MEM20105-AA49 Certificate II in Engineering (Mechanical Fitter and Machinist Pre-Apprenticeship) | Rockingham | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| MEM20422 Certificate II in Engineering Pathways (Machinery and Fabrication Focus) | John Tonkin College | Friday | 2 years (7 Terms) |
| MEM30522 Certificate III in Engineering - Technical | Munster | Thursday | 1 year (3 terms) |
| MEM30522 Certificate III in Engineering - Technical | Munster | Friday | 1 year (3 terms) |
| MEM30522 Certificate III in Engineering - Technical | John Tonkin College | Thursday | 1 year (3 terms) |
| ICT30120 Certificate III in Information Technology (Cyber Security) | Rockingham | Friday | 1 year (course finishes by 22 Nov 2024) |
| ICT30120 Certificate III in Information Technology (Cyber Security) | Thornlie | Thursday | 1 year (course finishes by 22 Nov 2024) |
| ICT30120 Certificate III in Information Technology (Cyber Security) | Thornlie | Friday | 1 year (course finishes by 22 Nov 2024) |
| ICT30120 Certificate III in Information Technology (General) | Thornlie | Friday | 1 year (course finishes by 22 Nov 2024) |
| ICT30120 Certificate III in Information Technology (General) | Mandurah | Friday | 1 year (course finishes by 22 Nov 2024) |
| AVI30419 Certificate III in Aviation (Remote Pilot) | Fremantle | Thursday (1 day a week) | 6 months course (two intakes a year: semester 1 and semester 2) |
| AVI30419 Certificate III in Aviation (Remote Pilot) | Fremantle | Friday (1 day a week) | 6 months course (two intakes a year: semester 1 and semester 2) |

Certificate Courses offered at South Metro TAFE 2024

EDUCATION AND COMMUNITY SERVICES

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--|---------------------|-----------|------------------|
| CHC22015 Certificate II in Community Services | Mandurah | Friday | 1 year (3 terms) |
| CHC22015 Certificate II in Community Services (Focus-Early Childhood Sector) | Mandurah | Friday | 1 year (3 terms) |
| CHC22015 Certificate II in Community Services (Focus-Early Childhood Sector) | Murdoch | Wednesday | 1 year (3 terms) |
| CHC22015 Certificate II in Community Services (Focus-Early Childhood Sector) | Rockingham | Friday | 1 year (3 terms) |
| CHC30221 Certificate III in School Based Education Support | John Tonkin College | Friday | 1 year (3 terms) |
| CHC30221 Certificate III in School Based Education Support | Rockingham | Friday | 1 year (3 terms) |

ENGINEERING AND MINING

| QUALIFICATION | CAMPUS | DAY | DURATION |
|---|---------------------|---------------------------------------|---|
| 52845WA Certificate II in Autonomous Workplace Operations | Munster | Thursday | 1 year (3 terms and 6 weeks) |
| 52845WA Certificate II in Autonomous Workplace Operations | Munster | Fridays | 1 year (3 terms and 6 weeks) |
| 52845WA Certificate II in Autonomous Workplace Operations | Thornlie | Wednesday | Starts term 2 (only for Year 10s and Year 11s as course finishes end of term 4) |
| 22586VIC-AD16 Certificate II in Integrated Technologies (Pre-vocational) – Robotics Control Stream* | Munster | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| 22586VIC-AE01 Certificate II in Integrated Technologies (Pre-vocational) –Security systems stream* | Rockingham | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| UEE21920 Certificate II in Electronics* | Rockingham | Friday | 1 year (3 terms) |
| UEE21920 Certificate II in Electronics* | Thornlie | Friday | 1 year (3 terms) |
| UEE20520 Certificate II in Computer Assembly and Repair* | Thornlie | Thursday | 1 year (3 terms) |
| MEM20105-AA50 Certificate II in Engineering (Heavy Fabrication Pre-Apprenticeship) * | Thornlie | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| MEM20105-AA49 Certificate II in Engineering (Mechanical Fitter and Machinist Pre-Apprenticeship) * | Rockingham | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| MEM20422 Certificate II in Engineering Pathways (Machinery and Fabrication Focus) * | John Tonkin College | Friday | 2 years (7 terms) |
| MEM30522 Certificate III in Engineering - Technical* | Munster | Thursday | 1 year (3 terms) |
| MEM30522 Certificate III in Engineering - Technical* | Munster | Friday | 1 year (3 terms) |
| MEM30522 Certificate III in Engineering - Technical* | John Tonkin College | Thursday | 1 year (3 terms) |

Certificate Courses offered at South Metro TAFE 2024

HEALTH, BEAUTY, AND FITNESS

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--|------------|----------|------------------|
| 52831WA Certificate IV in Preparation for Health and Nursing Studies | Bentley | Friday | 2 years |
| 52831WA Certificate IV in Preparation for Health and Nursing Studies | Rockingham | Friday | 2 years |
| SHB20121 Certificate II in Retail Cosmetics | Mandurah | Friday | 1 year (3 terms) |
| SHB20121 Certificate II in Retail Cosmetics | Murdoch | Friday | 1 year (3 terms) |
| SHB20216 Certificate II in Salon Assistant | Murdoch | Friday | 1 year (3 terms) |
| SHB20216 Certificate II in Salon Assistant | Mandurah | Thursday | 1 year (3 terms) |
| SHB20216 Certificate II in Salon Assistant | Mandurah | Friday | 1 year (3 terms) |

HOSPITALITY, TOURISM AND EVENTS

| QUALIFICATION | CAMPUS | DAY | DURATION |
|--|-----------|---------------------------------------|--|
| FBP20221-AC93 Certificate II in Baking (Pre-Apprenticeship) | Bentley | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| SIT20322 Certificate II in Hospitality | Bentley | Thursday | 1 year (3 terms) |
| SIT20322 Certificate II in Hospitality | Bentley | Friday | 1 year (3 terms) |
| SIT20322 Certificate II in Hospitality | Mandurah | Friday | 1 year (3 terms) |
| SIT20421 Certificate II in Cookery (Commercial Cookery Pre-Apprenticeship) | Bentley | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| SIT20421 Certificate II in Cookery (Commercial Cookery Pre-Apprenticeship) | Mandurah | Thursday and Friday (2 days per week) | 1 year (3 terms) |
| SIT30122 Certificate III in Tourism | Mandurah | Thursday | 2 years (6 terms) 1 st year – T1, T2, T3 2 nd year – T1, T2, T3 |
| SIT30516 Certificate III in Events | Bentley | Thursday | 1 year (3 terms) |
| SIT30516 Certificate III in Events | Fremantle | Friday | 1 year (3 terms) |

Certificate Courses offered at South Metro TAFE 2024

INFORMATION TECHNOLOGY

| QUALIFICATION | CAMPUS | DAY | DURATION |
|---|------------|----------|---|
| ICT20120 Certificate II in Applied Digital Technologies* | Thornlie | Friday | 1 year |
| ICT30120 Certificate III in Information Technology (Cyber Security) * | Rockingham | Friday | 1 year (course finishes by 22 Nov 2024) |
| ICT30120 Certificate III in Information Technology (Cyber Security) * | Thornlie | Thursday | 1 year (course finishes by 22 Nov 2024) |
| ICT30120 Certificate III in Information Technology (Cyber Security) * | Thornlie | Friday | 1 year (course finishes by 22 Nov 2024) |
| ICT30120 Certificate III in Information Technology (General) * | Thornlie | Friday | 1 year (course finishes by 22 Nov 2024) |
| ICT30120 Certificate III in Information Technology (General) * | Mandurah | Friday | 1 year (course finishes by 22 Nov 2024) |
| CUA31020 Certificate III in Screen and Media | Rockingham | Friday | 1 year (course finishes by 22 Nov 2024) |
| CUA31020 Certificate III in Screen and Media | Thornlie | Thursday | 1 year (course finishes by 22 Nov 2024) |
| CUA31020 Certificate III in Screen and Media | Thornlie | Friday | 1 year (course finishes by 22 Nov 2024) |



57 Abernethy Road,
Byford WA 6122
9526 7700
byford.sc@education.wa.edu.au

