

## Contents

General information ..... 3
Available Pathways for Students in 2024 .....  5
Study options ..... 5
VET Delivery ..... 8
Education Support ..... 9
Post-school Pathways ..... 10
Contributions and charges ..... 11
Course selections ..... 13
Subject Selection Online (SSO) ..... 15
Course overviews ..... 117
Access Pathway Program ..... 17
Arts ..... 18
English ..... 20
Health and Physical Education ..... 22
Humanities and Social Sciences ..... 255
Mathematics ..... 277
Science ..... 299
Technologies ..... 311
VET and Careers ..... 366
Appendix A - course charges ..... 378

## General information

This prospectus has been designed to assist Year 10 students to make decisions about the future. It contains details of courses and pathways to be offered at Ballajura Community College in 2024.

## Western Australian Statement of Student Achievement (WASSA)

All students receive a Western Australian Statement of Student Achievement (WASSA) when they complete Year 12.

The WASSA:

- formally records a student's achievement in every course, qualification and program that the student has completed in senior secondary schooling
- provides evidence of achievement.


## Western Australian Certificate of Education (WACE)

The Western Australian Certificate of Education (WACE) is awarded to students who have successfully completed senior secondary schooling in WACE studies and have met the WACE requirements.

The majority of students in Western Australia achieve the WACE.

Study towards the WACE can be undertaken over a lifetime.

## WACE requirements

Students must:

- complete one of three course combination options:
- complete four or more Year 12 ATAR courses OR
- complete at least five Year 12 General courses and/or ATAR courses or equivalent OR
- complete a Certificate II (or higher) VET qualification in combination with ATAR, General or Foundation courses.
- demonstrate the literacy and numeracy standards
- meet the requirement for breadth and depth of study
- meet the achievement standard.


## Literacy and numeracy standard requirement

Students must demonstrate minimum standards of literacy and numeracy by either:

- demonstrating the standard through the Online Literacy and Numeracy Assessment (OLNA) or
- pre-qualifying for a particular component by achieving Band 8 or higher in reading, writing and numeracy in their Year 9 NAPLAN and being exempted from that component in the OLNA.

If students do not meet the literacy and numeracy standard by the time they exit secondary school, they can apply to the Authority to re-sit the assessment.

If they do not demonstrate the required standard, they will not be eligible for a WACE.

Meeting these standards:

- is a benchmark of educational achievement
- is valued by employers and post-school training providers
- ensures all students leave school with the best chance of future success.


## OLNA disability adjustments

Adjustments will be made to the OLNA conditions, if a student's access to the assessment is significantly affected by a disability, impairment, illness or impediment.

Evidence of a disability, diagnosed by a specialised medical professional, is required for adjustment.
The Guidelines for disability adjustments for timed assessments is available on the Authority's website:
https://senior-secondary.scsa.wa.edu.au/assessment/disability-adjustment-guidelines.

Adjustments typically requested for approval by principals include:

- rest breaks and provision for a pause button
- extra time to work
- a reader
- scribe assistance for the writing component
- use of a support person for the reading and numeracy components
- special formats.


## Support

Assistance is available through:

- Foundation courses designed for students who require significant support
- feedback to schools on individual student performance for each OLNA component.

Students who have achieved the minimum standard of literacy and/or numeracy through the OLNA, are not eligible to enrol in Foundation courses.

## Breadth and depth

Students must complete a minimum of 20 units or the equivalent, including:

- a minimum of ten Year 12 units or the equivalent
- four units from an English learning area 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 List $A$
- one pair of Year 12 units from List B.

| List A - arts/languages/social sciences | List B - mathematics/science/ technology) | VET Courses and Endorsed Programs |
| :---: | :---: | :---: |
| Career and Enterprise <br> Economics <br> English <br> English as an Additional <br> Language or Dialect <br> Geography <br> Health Studies <br> Literature <br> Media Production and <br> Analysis <br> Modern History <br> Politics and Law <br> Visual Arts | Building and Construction <br> Chemistry <br> Computer Science <br> Design - Technical Graphics <br> Human Biological Science <br> Integrated Science <br> Materials Design and Technology - <br> Metal, Wood, Textiles <br> Mathematics - Essentials, <br> Applications, Methods, Specialist <br> Outdoor Education <br> Physical Education Studies <br> Physics | BSB20120 Certificate II in Workplace Skills CHC22015 Certificate II in Community Services <br> CUA20620 Certificate II in Music Industry CUA20720 Certificate II in Visual Arts <br> (Digital Designer) - new <br> MEM20422 Certificate II in Engineering <br> Pathways - new <br> SIS20321 Certificate II in Sport Coaching SIT20316 Certificate II in Hospitality BSB40120 Certificate IV in Business (Uni <br> Futures) <br> Workplace Learning (ADWPL) |

## Achievement standard requirement

Students must achieve 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.

There will be provision for students to gain unit equivalence through VET qualifications accruing over Year 11 and 12. VET courses contribute in the same manner as a C grade. For a Certificate II - 4 unit equivalents, for a Certificate III 6 unit equivalents, for an endorsed program - 4 unit equivalents.

## Available Pathways for Students in 2024

Ballajura Community College Pathways for Year 112024 have been created to provide students with broad and flexible access into future career pathways. Students can choose from four different pathway options;

| Pathway | Requirement for WACE | Additional |
| :---: | :--- | :--- |
| ATAR <br> Pathway | Four Year 12 ATAR courses <br> used to calculate ATAR score | Students also select ATAR, BCC VET course and/or <br> General courses to make a total of six courses |
| VET <br> Pathway | Complete a Certificate II or <br> higher Vocational Education <br> and Training course | Students also select General courses, Endorsed <br> Programs and maximum three ATAR courses to make <br> a total of six courses |
| General <br> Pathway | Complete a minimum of five <br> Year 12 General courses | Complete a combination of General courses, maximum <br> of three ATAR courses and Endorsed Programs to <br> make a total of six courses |
| ACCESS <br> Pathway | Complete VET or General <br> Pathway | Complete six courses including General courses, VET <br> courses and Endorsed Programs (ATAR courses are <br> not available) |

## Study options

Ballajura Community College pathways consist of three study options which can be mixed and matched:

- WACE courses (three course types - ATAR, General and VET industry specific)
- VET programs
- Endorsed programs.


## Australian Tertiary Admissions Rank (ATAR) courses

These courses are:

- examined by the School Curriculum and Standards Authority (the Authority)
- used by the Tertiary Institutions Services Centre (TISC) to calculate a student's ATAR.

There are written examinations for all ATAR courses. There are practical examinations for some ATAR courses. Student must complete both examinations in these courses. Students enrolled in a Year 12 ATAR course pair of units are required to sit the written and, if the course has one, practical examination.

Students who do not sit the examination will not:

- have a course mark or grade recorded on their WASSA
- receive an ATAR course report
- have the pair of units completed in that year contribute towards any of the WACE requirements.


## Vocational Education and Training (VET)

VET is nationally recognised and enables students to gain qualification for all types of employment, and specific skills to help them in the workplace or in further training.

As part of the minimum WACE requirements, a student may complete a Certificate II or higher in combination with ATAR, General or Foundation courses.

Studying VET can provide up to eight units towards the number of course units students need to complete to achieve their WACE.

Students will typically enrol in four or five additional ATAR, General or Foundation courses to meet the WACE requirements.

Students who do not enroll in at least four Year 12 ATAR courses or at least five Year 12 General courses and/or ATAR courses (i.e. their program of study includes one or more Foundation course/s in Year 12) must also complete a Certificate II or higher to achieve their WACE/

## VET industry specific courses

These courses:

- include a full VET qualification and mandatory workplace learning
- contribute towards the ACE as course units
- qualifications undertaken through VET industry specific courses can be used to meet the Certificate II or higher component of the WACE
- the workplace learning component of the course contributes as unit equivalents towards the WACE.


## Pre-apprenticeships in schools (PAIS)

Pre-apprenticeships in schools are Certificate II VET programs that have been nominated by Western Australian industry training councils as valid pathways from school to apprenticeships. Students attend school, train at a registered training organisation and are linked to an employer for work placement. The student must complete a work placement as nominated in the pre-apprenticeship program. The registered training organisations will coordinate work placements in partnership with the schools.

Successful applicants for a Certificate II Pre-Apprenticeship in School program will undertake trade training while still completing their WACE and will:

- have an industry endorsed pathway to a full time apprenticeship
- receive VET credit transfer towards WACE.

The VET \& Careers department will advertise when Pre-Apprenticeship in School opportunities become available. This usually occurs from July - December.

## School-based Apprenticeships and Traineeships (SBATs)

Apprenticeships and Traineeships equip young people with employability skills and a nationally recognised qualification. School based apprenticeships and traineeships are paid employment based training programs for full time school students 15 years of age and over. Under these arrangements, the student is both a full time student and a part time employee, with the same employment and training privileges and responsibilities as other apprentices/trainees.

School based Apprenticeships/Traineeships are highly competitive. To be a school based apprentice/trainee a student must fulfil certain requirements, including:

- enter into a training contract with an employer to complete an apprenticeship/traineeship
- have their school's agreement to undertake the school-based apprenticeship/traineeship
- have the completed units of competency of their apprenticeship/traineeship included on their WACE.


## General courses

These courses:

- are not externally examined
- have an externally set task (EST) which is set by the Authority
- are designed for students who are typically aiming to enter further vocationally based training or the workforce directly from school.


## Endorsed programs

These programs:

- provide access to areas of learning not covered by WACE courses or VET programs and contribute to the WACE as unit equivalents
- are for students wishing to participate in programs that are delivered in a variety of setting by schools, workplaces, universities and community organisations.
- contribute towards the depth requirement and the achievement standard requirement of the WACE
- count as a maximum of four unti equivalents towards the WACE - two units equivalents in Year 11 and two unit equivalents in Year 12.

There are three categories of endorsed programs, which differ in respect to the developer, the type of evidence required for determining student achievement and the quality assurance process.

These categories are:

- Authority-developed endorsed programs
- provider-developed endorsed programs
- school-developed endorsed programs.

The list of endorsed programs is available on the Authority website: https://senior-secondary.scsa.wa.edu.au/syllabus-and-support-materials/endorsed-programs.

## Online language enrolment applications

To enroll in a WACE language course, the Authority require all students to complete an application for permission to enroll. Students submit their language application in the student portal. In their online language enrolment application, students will be assessed against three criteria:

- education
- residency and/or time spent in-country
- use of the language for communication outside the language classroom.


## Changing courses in Years 11 and 12

The Authority publishes dates about changing enrolments in its Activities Schedule (published on the Authority's website). There are points in the semester after which students should not change courses because it would be unlikely they could complete the assessment program.

Changing courses means students replace one course enrolment with another.
Withdrawing means students are no longer studying a course.
If students withdraw from a course in Year 12, their enrolment course for the year is not recorded on their WASSA. This means no credit is given for the work done for the year's units prior to dropping the course.

## VET Delivery

## Ballajura Community College RTO

Ballajura Community College is a Registered Training Organisation (RTO code: 51258) and delivers nationally accredited courses across Year 11 and 12. The qualifications achieved through the various courses on offer are quality assured and recognised Australia wide. Our students can leave the College with a full qualification that can assist in accessing further education or training or employment.

Ballajura Community College's scope of delivery includes:


SIT20213 - Certificate II in Hospitality
CUA20720 - Certificate II in Visual Arts (Digital Designer)

## Auspicing arrangements

Ballajura Community College further augments its VET offerings through auspicing arrangements with other Registered Training Organisations (RTOs).

| 2024 Proposed Qualifications |  |  |  |
| :---: | :---: | :---: | :---: |
| CUA20620 Certificate <br> II in Music | CHC22015 Certificate <br> II Community Services | BSB20120 Certificate II <br> in Workplace Skills |  |
| BSB40120 Certificate <br> IV in Business | SIS20321 Certificate II <br> in Sport Coaching | MEM20422 Certificate <br> II in Engineering <br> Pathways |  |

The above qualifications are a proposed offering for the 2024 academic year. At the time of publication, no agreements have been entered into with an RTO for the delivery of these qualifications. On the basis of interest from students the school will initiate a formal partnership agreement with an RTO for the delivery of the qualifications.

## Education Support

The Education Support Program caters for the needs of students who require supported education. The program offers a curriculum which is adapted to address the individual needs of each student. Students who are heading toward an alternatives to work post-school pathway will engage in a functional curriculum which places particular emphasis on the development of interpersonal skills and the acquisition and development of numeracy, literacy and independent living skills. Students who are headed toward an employment, TAFE or alternative training post-school pathway will engage in an academic program which focuses on the development of employment related skills including work readiness through the ASDAN Workright or Work Aware programs.

| Years 10, $\mathbf{1 1}$ and $\mathbf{1 2}$ courses |
| :--- |
| English - ASDAN or preliminary units rotated yearly |
| Mathematics - ASDAN or preliminary units as per student needs |
| Health Studies - ASDAN or preliminary units as per student needs |
| Independent Living skills programs |
| ASDAN Workright (Year 11 \& 12) or Work Aware (Year 10) |
| Visual Art / Hospitality / Information Technology / Design and Technology <br> (A total of two courses from the range above) |
| Physical Education |
| Total course cost = \$235 per year |

All Year 11 and 12 students will participate in Work Experience through the ASDAN Workright course for between one to two days each week. All students will experience a variety of work placements in order to develop the skills which will assist them to begin the transition from school to work and life after school. Students in Year 10 will participate in the ASDAN course of Work Aware comprising of work preparation and skill training through enterprise tasks.

To allow the school to meet the individual needs of the students, courses are selected from either School Curriculum Standards Authority (SCSA) preliminary units for English, Mathematics and Health or the range of ASDAN modules. ASDAN (Award Scheme Development Accreditation Network) provides opportunities for all learners to develop their personal and social attributes and levels of achievement through modules and resources. The modules provide opportunities for learners to achieve personal and social development through their achievements thereby enhancing self-confidence, ambition and contribution to their communities. These modules, which are registered with SCSA are designed to assist the individual needs of each student in a range of areas not limited to the traditional curriculum.

Each student will have either an Individual Transition Plan or Individual Education Plan based on their individual needs. The SCSA or ASDAN units selected complement these documents. A planning meeting will be held early in Term One each year to devise a plan in conjunction with parents and other relevant agencies. The plan acts as a working document which is monitored, reviewed and adjusted regularly throughout the school year. This process includes assisting parents to link and register students with Specialist Employment or Alternative to Employment Agencies for all students during their final two years at the College.

## Post-school Pathways

## Career information

Choosing a career is probably one of the most important decisions you will make so it is important that you think seriously about it. There are many people, places and websites and publications available to assist you to make up your mind. Sources of Information include:

- A career planning site: www.jobsandskills.wa.gov.au/jobs-and-careers/information-and-resources
- Career quiz to help get ideas for careers you can aim for: www.joboutlook.gov.au
- Australian award winning national career information and exploration service: www.myfuture.edu.au
- Government of Western Australia, Department of Training and Workforce development: www.dtwd.wa.gov.au
- a one-stop-shop for career, training and employment services https://www.jobsandskills.wa.gov.au/jobs-and-skills-centre


## University pathways

If you think you will be heading to university once you finish Year 12, you should enrol in at least four ATAR courses to be eligible for an ATAR. The rank is used by universities as a selection mechanism. More information about the ATAR is available at: http://www.tisc.edu.au/static/guide/atar-about.tisc?cid=12862.

University prospectus are located in the Career Resource Centre at the College or you can access information online at:

- Curtin University
- Edith Cowan University
- Murdoch University
- University of Notre Dame
- University of Western Australia
- CQ University
www.curtin.edu.au
www.ecu.edu.au/future-students/overview
www.murdoch.edu.au
www.nd.edu.au
www.uwa.edu.au
www.cqw.edu.au

University admissions to the four public universities is processed through TISC. To explore the Tertiary Institutions Services Centre (TISC) website, log onto: www.tisc.edu.au

## TAFE

There are five TAFE Colleges in Western Australia:

- North Metropolitan TAFE
- South Metropolitan TAFE
- North Regional TAFE
- Central Regional TAFE
- South Regional TAFE.

TAFE offer full time courses and part time courses, with hundreds of qualifications to choose from. For further information visit www.tafe.wa.edu.

## Contributions and charges

Voluntary contributions, compulsory charges and approved funding paid by parents and guardians are used to purchase text books, materials and other resources used by students in their everyday classes. Outlined below are the contributions and charges for Ballajura Community College for 2024.

All contributions and charges assist in providing an educational program that meets the requirements of the Western Australian Curriculum and Assessment Outline and comply with the guidelines issued by the Department of Education and the Education Act. The College community is appreciative of the financial support given by parents and guardians which enables staff to continue to offer quality educational programs.

1. Year 11 and 12

Payment for all courses of study in Year 11 and 12 are mandatory. There is no established maximum as charges depend on the subjects selected by the students. A voluntary approved funding request of $\$ 130.00$ per student is also requested (details set out in point 2 below).

VET in Schools programs which are not listed in this Prospectus may be offered from time to time. Where students choose to accept these, compulsory charges may apply.

## 2. Approved funding request

The Ballajura Community College School Board has endorsed a voluntary Approved Funding request of \$130.00 per student to cover items not included by the voluntary contributions (years 7-10) or compulsory charges.

The funding request covers the following items:

| Photocopying Card - provided to all students | $\$ 20.00$ |
| :--- | :--- |
| Grounds Improvement | $\$ 10.00$ |
| Communications to parents | $\$ 10.00$ |
| Technology* | $\$ 60.00$ |
| P\&C Donation | $\$ 30.00$ |

Where students exceed the printing cost of \$20.00, additional charges apply.
*This request assists the College with the replacement and maintenance of over 900 computers for student access across all subject areas.
3. Government assistance
a. Secondary Assistance Scheme

The Western Australian Department of Education provides an allowance to assist eligible families. The allowance consists of two components: $\$ 115$ Clothing Allowance paid directly to the parent/guardian or the school; $\$ 235$ Educational Program Allowance paid directly to the school. Application is made by parents or guardians of students enrolled in Years 8 to 12 up to and including the year the student turns 17. A transitional clothing payment of $\$ 115$ only will be paid directly to eligible parents/guardians of Year 7 students.

Parents/guardians must hold one of the following from Centrelink:

- Pensioner Concession Card (Blue card only).
- Health Care Card (Family card only)
- Pensioner Concession Card from the Department of Veterans' Affairs

Cards held must be current in first term. Applications close on last day of Term 1 in 2024. Application forms are available from the Main Administration Office at the College. No late applications will be considered.
b. Abstudy fees allowance supplement

Assistance for secondary school Aboriginal students may be available to supplement the Abstudy payments. Parents should contact the Aboriginal Liaison Officer at the College.
c. Youth allowance

Some students who turn 17 in 2024 may be able to access the Youth Allowance via Centrelink.

## 4. Payment of contributions and charges

a. How and when

- Payments can be made at any time at the Main Administration Office during normal working hours ( $8.00 \mathrm{am}-3.30 \mathrm{pm}$ )
- Payments can be made via the Qkr (pronounced Quicker) payment system either through your computer/laptop at https://qkr.mastercard.com/store/\#/home or via the Qkr App on your smartphone/tablet.
- Payments can be made by mail or paid in person by cheque, cash, Eftpos or credit card (we accept Visa and MasterCard), credit card payments can be made by phone and direct debit facilities are available.
b. Payment arrangements

Some families may not be in a position to pay contributions and charges all at one time. The Manager, Corporate Services will assist in formulating a payments plan to suit each family. Please do not hesitate to contact the College if you have any queries regarding contributions and charges.

## Please note:

- all government allowances stated herein were correct at the time of publication
- course charges are yet to be finalised and may increase slightly, final prices will be endorsed by the College Board in Term 3, 2024.


## Course Selections

## Choosing the best pathway

- You must meet course pre-requisites
- Look at your school results - consider realistic options
- Consider
> Career aspirations
> Pathways options - ATAR, VET, ACCESS, General
$>$ Areas of strength and interest
$>$ Teachers' input
> Alternative entry options


## Course pre-requisites

Data analysis of past student performance indicates that for students to be successful in many of the courses listed below, they must achieve a pre-requisite (or minimum standard) before they begin the course. Therefore, students must achieve the pre-requisite listed to be granted access to select the course in the Subject Selections Online app. If students do not achieve the pre-requisite they will not be able to select the course for next year.

Students have two opportunities to meet the pre-requisite.

1. Students who have met the pre-requisite at the end of semester one can select the relevant course. Students who have not met the pre-requisite by the end of semester one must complete the course selection process based on courses available to them. If there is an exceptional circumstance for a course pre-requisite not being met the student can arrange to meet with the Deputy Principal to discuss this.
2. If the student achieves the pre-requisite by the end of semester two the student can resubmit course selections. Classes and timetables will already be formed by this time so there will need to be vacancies in the course for the student to be permitted to enroll.

The College will endeavour to ensure students can enroll in their selected courses. However, some courses are highly competitive and places may be limited. Students must select an English course. Students must also select a Mathematics course if they have not achieved Year 9 NAPLAN Band 8 or OLNA Category 3 in Numeracy.

| Learning Area | Course | Minimum pre-requisites |
| :---: | :---: | :---: |
| Arts | CUA20720 Certificate II in Visual Arts Digital Design Toolkit - VET | Year 10 English C grade and a passion for computer aided design, video and photography |
|  | CUA20620 Certificate II in Music Industry - VET | Year 10 English C grade and a passion for music |
|  | Media Production and Analysis General | Year 10 Media C grade |
|  | Visual Arts - General | Year 10 Visual Arts C grade and Year 10 English C grade |
| English | English - ATAR | Year 10 English course mark 60\% |
|  | EAL/D - ATAR | Year 10 English course mark 60\% |
|  | Literature - ATAR | Year 10 English course mark 65\% |
|  | English - General | Year 10 English C grade |
|  | English as an Additional Language/Dialect - General | Year 10 English C grade |


| Learning Area | Course | Minimum pre-requisites |
| :---: | :---: | :---: |
| Health and Physical Education | SIS20321 Certificate II in Sport Coaching VET | Year 10 Physical Education C grade |
|  | Health Studies - General | Year 10 Health C grade |
|  | Outdoor Education - General | Year 10 Outdoor Recreation B grade or Year 10 Physical Education B grade and ability to swim 200 m |
|  | Physical Education Studies - General | Year 10 Physical Education C grade and Year 10 Science C grade |
| Humanities and Social Sciences | Economics - ATAR | Year 10 HASS B grade |
|  | Geography - ATAR | Year 10 HASS C grade |
|  | Modern History - ATAR | Year 10 HASS C grade |
|  | Career And Enterprise - General | No pre-requisite |
|  | Modern History - General | No pre-requisite |
|  | Politics and Law - General | No pre-requisite |
| Mathematics | Mathematics Applications - ATAR | Year 10 Mathematics B grade and course mark 65\% |
|  | Mathematics Methods - ATAR | Year 10 Mathematics A grade and course mark 75\% |
|  | Mathematics Specialist - ATAR | Year 10 Mathematics A grade and course mark 85\% |
|  | Mathematics Essentials - General | No pre-requisite. Year 10 Mathematics C grade and course mark $50 \%$ recommended |
| Science | Chemistry - ATAR | Year 10 Science A grade |
|  | Human Biology - ATAR | Year 10 Science B grade |
|  | Physics - ATAR | Year 10 Science A grade and Year 10 Mathematics B grade |
|  | Human Biology - General | No pre-requisite |
|  | Integrated Science - General | No pre-requisite |
| Technologies | Computer Science - ATAR | Year 10 Mathematics C grade and Year 10 English C grade |
|  | CHC22015 Certificate II in Community Services - VET | Year 9 or 10 Childcare and Development C grade |
|  | MEM20422 Certificate II in Engineering Pathways - VET | Year 10 Mathematics C grade and Year 10 English C grade |
|  | SIT20316 Certificate II in Hospitality VET | Year 9 or 10 Food Technology or Food and Catering C grade |
|  | Building and Construction - General | Year 9 or 10 Design and Technology C grade |
|  | Computer Science - General | Year 10 Mathematics C grade and Year 10 English C grade |
|  | Design - Technical Graphics - General | Year 9 or 10 Design and Technology C grade |
|  | Material Design and Technology (Metal) - General | Year 9 or 10 Design and Technology C grade |
|  | Material Design and Technology (Textiles) - General <br> Material Design and Technology <br> (Wood) - General | Year 10 English C grade <br> Year 9 or 10 Design and Technology C grade |
| VET and Careers | BSB20120 Certificate II in Workplace Skills | Year 10 English C grade |
|  | External VET courses | C grades and school attendance 85\% or higher |
|  | Workplace Learning - Endorsed Program | School attendance of 85\% or higher |
| Uni Futures | BSB40120 Certificate IV in Business | Year 10 English B Grade <br> Year 10 Mathematics C grade |
| ACCESS | Career and Enterprise - General <br> English - General <br> Health - General <br> Mathematics - General <br> Science in Practice - General (TBC) <br> BSB20120 Certificate II in Workplace <br> Skills (TBC) <br> Workplace Learning | No pre-requisite <br> Y10 English C grade or higher <br> Y10 Health C grade or higher <br> Y10 Maths C grade OR 1 or 2 in Modified Maths <br> No pre-requisite <br> No pre-requisite <br> No pre-requisite |

## Subject Selections Online

Subject Selections Online (SSO) will be used to select courses for Year 11, 2024.
SSO will be active from 6pm Friday, July 21 and close at 9am on Monday, July 31.

## Instructions for using SSO

1. Students can log into SSO using the code provided to your student email account

2. Read the instructions.

Welcome to your selection process for Year 11.

## Read these before starting - it will only take a minute.

Follow the instructions on the page - these give you information about what is required from you, and any important information you need to know. There will also be indicators to show you if you've met the requirements.
(!)- This means that you haven't met the requirements that have been listed in this area
( - This means you've met the minimum requirements for the instruction in the area.
(i) - This means that there is no minimum requirement for the area, but there is a maximum.

You can hover over any of these, or other icons that you see, to get more information about what they mean.


Rules may also appear at the bottom of the page in yellow, like the one below.
Once you've met the minimum requirements for these rules, they will turn green, then disappear.

You need to have a total of 6 selections
3. Choose your pathway.

Your selection process begins below.
(]) Choose your preferred pathway from the options below:ATAR PathwayVET PathwayAccess Pathway'General Pathway
4. Select courses from the list. Only courses students have met pre-requisites for will appear in the list.

5. Book an appointment if you need to speak to someone about your options.

## Need to speak to someone?

(1) Appointment

To book an appointment, click the dropdown box below
No times avallable
You do not have a Course Counsellor assigned
6. Parents/carers will need to enter the PIN provided to their email account.

```
                    What's Next
([) Parent PIN
Enter the Parent PIN below, then click Validate:
```



```
If you require assistance with this, please contact the school.
The PIN will need to be re-entered, if any changes are made after successful validation.
```


## Course overviews

## Access Pathway Program

ACCESS is a specialised program designed to engage Year 11 students in learning that supports transition to post-school training and employment pathways including apprenticeships, traineeships and TAFE placements. Students have the opportunity to work towards achieving their Western Australian Certificate of Education at the end of Year 12 through completion of WACE courses, Vocational Education and Training (VET) courses, School Based Apprenticeships and Traineeships and work placements with employers out in industry settings.

Students benefit from building strong relationships with staff in a well-structured pastoral care focussed environment. The ACCESS program is built on the underpinning philosophy-that all students can improve their educational outcomes with;

- clear goals;
- workable strategies;
- scaffolded delivery of appropriate curriculum;
- constructive feedback; and
- a supportive environment (school, home, work).

Students work in a home group with one or two teachers to complete the following courses:

- General English
- General Essential Mathematics
- General Health Studies
- BSB20120 Certificate II in Workplace Skills*
- General Career and Enterprise
- General Integrated Science*
- Authority-developed Workplace Learning
*TBC

Students typically attend class every day but may have a flexible timetable to accommodate Workplace Learning or traineeship commitments. In 2024, students finish at lunch time each day but complete work placement during exam breaks. When required, students are to complete outstanding work in Session 5.

The program is well-resourced, delivered by highly trained teachers and has excellent facilities. ACCESS has been operating as an integral part of the Ballajura Community College learning program for more than 20 years and has been recognised as a leading program in Western Australia.

Students choose to participate in the program with flexible entry to and exit from the program. Application is through the normal subject selection process. Entry to the program is highly competitive.

## Arts

## CUA20620 Certificate II in Music Industry

The BCC VET music program is drawn from a national training package and offers a qualification recognised throughout Australia. Over two years, you will complete a Certificate II in Music. Through real industry-based tasks and assessments you will: learn how to protect yourself and your creative work, work in productive ensembles, understand musical genres and basic notation, write pathways (WAAPA) in areas such as performance, critical listening, music management and music promotions. With additional training and experience, potential employment opportunities may include professional musician, song writer, composer, arranger, copies, promoter and instrumental teachers. This course is also designed perfectly for those students who wish to continue their instrumental lessons, ensemble involvement and love for music throughout upper school, with their focus on a career outside the music industry. This course is intended to be delivered in partnership with the RTO Cosamp.

Minimum prerequisites: C grade in English and a passion for music!

## CUA20720 - Certificate II in Visual Arts (Digital Designer)

This qualification reflects the role of individuals who are developing the basic creative and technical skills that underpin visual arts and craft practice. It applies to work in different visual arts, craft and design environments.

The program engages students in a wide range of learning activities in digital design. There is a strong emphasis on practical and technical skills through completion of creative projects using a range of mediums including photography, animation and video. Students will learn the basic operating principles of digital media technology packages and drones to acquire and manipulate images. The course will include learning the concepts of a design process and its practical application through creative projects.

Through student centred projects it is possible to develop a portfolio of work that will add considerable weight to the chances of gaining a position at TAFE or employment.

After achieving the CUA20720 - Certificate II in Visual Arts, individuals may undertake a variety of pathways through training or employment in:

- Animation and game art
- Screen and media
- Photography
- Visual effects
- Graphic design
- Multimedia
- Design

Minimum prerequisites: C grade in Year 10 English C grade and a passion for computer aided design, video and photography

## Media Production and Analysis General

Within 'Media Production and Analysis' Year 11 General students analyse, view, listen to and interact with common media work from their everyday use. They also generate ideas and learn the basic production skills and processes as they apply their knowledge and creativity in their productions. They will be introduced to the languages of the media, learning how codes and conventions are used to construct representations within narratives, including the examination of characters, stars and stereotypes and the way media is constructed and produced. The unit will focus on 'Mass Media' and 'Point of View' respectively and within this, students will be expected to develop a fictional and a nonfictional production.

Minimum prerequisites: C grade in Year 10 Media

## Visual Arts General

This course is suitable for students who have limited experience in Art and places value on uniqueness and individuality. It assists students to develop confidence in their own creative abilities and develop a greater understanding of their environment, community and culture. Students are encouraged to develop problem-solving skills with creative and analytical ways of thinking. Students engage in art using traditional and new areas, this involves exploring, selecting and manipulating materials, techniques, processes, emerging technologies and responses to life. This course assists students in developing motivation, self- esteem, discipline, shared practice and resilience, all of which are essential life skills. Enterprise and initiative are recognised and encouraged.

In developing artworks, students explore ways to express personal beliefs, opinions and
Minimum prerequisites: C grade in Year 10 Visual Arts and English

## English

## English - ATAR

The English ATAR course focuses on developing students' analytical, creative, and critical thinking and communication skills in all language modes. Students are encouraged 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.

## Minimum prerequisites: 60\% course mark in Year 10 English

## Literature - ATAR

In the Literature ATAR course, students learn to create readings of literary texts and to create their own texts, including essays, poems, short stories, plays and multimodal texts. Students engage with literary theory and study literary texts in great detail. Students learn to read texts in terms of their cultural, social and historical contexts; their values and attitudes; and their generic conventions and literary techniques. They engage in discussion about readings, reading practices and the possibility of multiple readings. Students learn to create texts paying attention to contexts, values and conventions. Students learn about literary language, narrative and the power of representation. Students experience the aesthetic and intellectual pleasure that reading and creating literary texts can bring.

Prerequisites: 65\% course mark in Year 10 English

## English - General

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. In Units $1-4$, students comprehend, analyse, interpret, evaluate and create analytical, imaginative, interpretive and persuasive texts in a range of written, oral, multimodal and digital forms. Students are expected to complete structured assignments in the classroom and at home, and demonstrate an ability to work at a required pace, both independently and with support. The Year 12 General course concludes with a Common Competency Test.

Minimum prerequisites: C grade in Year 10 English

# ENGLISH AS AN ADDITIONAL LANGUAGE/DIALECT (EAL/D) - ATAR 


#### Abstract

The EAL/D (English as an Additional Language or Dialect) courses are designed for students who speak another language or dialect as their first or 'home' language. The EAL/D ATAR course provides opportunities for students to engage reflectively and critically with a broad range of spoken, written and multimodal texts, including literary and non-literary texts, for example, academic, every day and workplace texts. Students learn to create, individually and collaboratively increasingly complex texts for different purposes and audiences in different forms, modes and media. The EAL/D ATAR Year 11 course prepares students for an appropriate study pathway in Year 12. The EAL/D ATAR Year 12 course prepares students for a range of post-secondary destinations in further education, training and the workplace.


## Prerequisites: For EAL/D ATAR Year 11 ' $B$ ' grade or higher, Year 12 ' $C$ ' grade or higher

NOTE: Eligibility for studying EAL/D ATAR in Year 12 is determined by students meeting specific criteria concerning their education history and is established in Year 11. Students may be eligible if they have been resident in Australia for less than 7 years. Further information should be sought from Ballajura Community College Administration.

## English as an additional language/dialect (ELD) - General

The ELD (English as an Additional Language or Dialect) courses are designed for students who speak another language or dialect as their first or 'home' language. ELD General focuses on development of the competent use of Standard Australian English (SAE) in a range of contexts. Students explore how learning in and through English language and literature influences their own and others' personal, social and cultural identities and thought processes. The ELD General Year 11 course prepares students for an appropriate General study pathway in Year 12. The ELD General Year 12 course prepares students for a range of post-secondary destinations in further education, training and the workplace

Minimum prerequisites: Progress Map achievement indicating support is required to master the English language

## Health and Physical Education

## Health Studies - General

The Health Studies General course focuses on the study of health as a dynamic quality of human life. Students undertaking this course develop the knowledge, understanding and skills necessary to promote an understanding of the importance of personal and community action in promoting health.

The influence of social, environmental, economic and biological determinants of health is a key focus of the course. Other course content includes the influence of beliefs, attitudes and values on health behaviour, and the importance of self-management and interpersonal skills in making healthy decisions.

Using an inquiry process, students draw on their knowledge and understandings of health concepts and investigate health issues of interest. Through this process, they develop research skills that can be applied to a range of health issues or concerns.

This course will prepare students for career and employment pathways in a range of health and community service industries. Students will have the opportunity to develop key employability and life skills, including communication, leadership, initiative and enterprise. Inquiry skills will equip students to adapt to current and future studies and work environments.

Self-management and cooperative skills are examined and students continue to develop and apply health inquiry skills.

Minimum prerequisites: C grade in Year 10 Health.

## Outdoor Education - General

Students are encouraged to engage in outdoor adventure activities. An experiential approach is used to discover what being active in the environment is all about. Students are introduced to outdoor adventure activities where they can develop and improve technical skills and apply appropriate practices to ensure safe participation. They understand basic planning and organisational requirements necessary for them to participate in safe, short-duration excursions/expeditions in selected outdoor activities. They begin developing skills in roping and navigation. Students are introduced to personal skills and interpersonal skills, including self-awareness, communication and leadership. Features of natural environments and examples of local environmental management and ‘Leave No Trace’ principles are introduced.

Additionally, the course offers the opportunity to engage in a range of outdoor adventure activities that pose challenges and encourage students to step outside their comfort zone. Students consider planning and resource requirements related to extended excursions/short-duration expeditions. They are introduced to simple risk assessment models to assist decision making and apply safe practices to cope with challenging situations and environments. They develop time management and goal setting skills to work with others and explore strategies for building group relationships. They understand the main styles of leadership and how to use strategies to promote effective groups. Features of natural environments and components of weather are introduced. Conservation, biodiversity and environmental management plans are also introduced.
*Students are expected to have achieved at least Level 5 in swimming and will undertake 2 swimming tests aligned with the Outdoor Education and Recreation Activities Guidelines. The tests will involve a 200 m open water swim of at least $75 \%$ freestyle to be completed in less than 6 minutes, followed by a two-minute tread of water and then a 100m run-100m swim - 100m run in less than five minutes. Tests will be conducted in Term 4, 2021. Should a student fail either test, they will be re-counselled into another course option.

Minimum prerequisites: B grade in Year 10 Outdoor Recreation or Physical Education. Must be confident in and around water environments. Stage 5 (or above) swimming ability is essential.
\# Activities in both units will be selected according to the class, individual and group needs and could include contexts from: Abseiling, climbing, roping, bushwalking (off track), camping (expedition of two or more nights in length with basic campsites), caving, orienteering, paddling and snorkelling.

## Physical Education Studies - General

The Physical Education Studies General course contributes to the development of the whole person. It promotes the physical, social and emotional growth of students. Throughout the course, emphasis is placed on understanding and improving performance in physical activities. The integration of theory and practice is central to studies in this course.

The Physical Education Studies General course focuses on the complex interrelationships between motor learning and psychological, biomechanical and physiological factors that influence individual and team performance. Students engage as performers, leaders, coaches, analysts and planners of physical activity. Physical activity serves both as a source of content and data and as a medium for learning. Learning in the Physical Education Studies General course cannot be separated from active participation in physical activities and involves students in closely integrated written, oral and physical learning experiences based upon the study of selected physical activities.

The course appeals to students, with varying backgrounds, physical activity knowledge and dispositions. Students analyse the performance of themselves and others, apply theoretical principles and plan programs to enhance performance. Physical activity and sport are used to develop skills and performance, along with an understanding of physiological, anatomical, psychological, biomechanical and skill learning applications.

The course prepares students for a variety of post-school pathways, including immediate employment or tertiary studies. It 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. The course also equips students to take on volunteer and leadership roles in community activities.

[^0]Minimum prerequisites: C grade in Year 10 Physical Education and Science.

## SIS20321 - CERTIFICATE II in SPORTS COACHING

## Overview

The Certificate II in Sport Coaching is designed to reflect the role of entry level employees working in the sporting industry. The breadth, depth and complexity of knowledge and skills will prepare students to perform in a range of activities or knowledge applications such as sports coaching, personal training, holiday programs, recreation management and lifeguarding.

## NOTE - Students will complete a Cert II in a two year pathway over Years 11 and 12. It is highly advisable that those students choosing this VET course also choose the Workplace Learning course.

This qualification facilitates the development of the following knowledge and skills:

- Observing athlete's performances to determine the level of instruction required.
- Instructional techniques for athletes to acquire additional skills or improve existing skills.
- Conducting practice sessions.
- Implementing sports first aid procedures and applying sports first aid.
- Implementing game strategy in consultation with club officials.
- Monitoring the progress of games or competitions and giving signals/instructions to athletes.
- Carrying out after competition review of strategy and performance.
- Undertaking related administrative tasks such as booking venues, budgeting, arranging entry into competitions and recruiting players.

The requirements for a Certificate II in Sport (Coaching) will comprise achievement of thirteen (13) of the following units of competency:

- Core units of competency plus
- The specified stream units of competency from the functional area of coaching Athletics, Basketball, Netball, Rugby League/Touch or Tennis.

Students will also be required to coach and teach primary school students during class time and help out at school carnivals to meet the practical requirements of the course.

Prerequisites: 'C' grade and above in any HPE Subject in Year 10 - typically for students who will able to work with more complex content and are ready for further development. Students must have the ability to gain trust, to run competitions/games and be able to coach others in a sporting context.

## Humanities and Social Sciences

## Economics - ATAR

Economics explores the choices which all people, groups and societies face as they confront the ongoing problem of satisfying their unlimited wants with limited resources. The Economics ATAR course aims to develop students' ability to analyse the allocation, utilisation and distribution of scarce resources that determine our wealth and wellbeing. The study of Economics provides a framework for examining society's issues and identifying possible solutions which assist decision making. The emphasis of the course is on the Australian economy.

Minimum prerequisites: C grade in Year 10 HASS

## Geography - ATAR

The study of the Geography ATAR course draws on students' curiosity about the diversity of the world's places and their peoples, cultures and environments. It provides students with the knowledge and understanding of the nature, causes and consequences of natural and ecological hazards, international integration in a range of spatial contexts, land cover transformations, and the challenges affecting the sustainability of places. In the ATAR course, students learn how to collect information from primary and secondary sources, such as field observation and data collection, mapping, monitoring, remote sensing, case studies and reports.

Minimum prerequisites: C grade in Year 10 HASS

## Modern History - ATAR

The study of the Geography ATAR course draws on students' curiosity about the diversity of the world's places and their peoples, cultures and environments. It provides students with the knowledge and understanding of the nature, causes and consequences of natural and ecological hazards, international integration in a range of spatial contexts, land cover transformations, and the challenges affecting the sustainability of places. In the ATAR course, students learn how to collect information from primary and secondary sources, such as field observation and data collection, mapping, monitoring, remote sensing, case studies and reports.

Minimum prerequisites: minimum C grade in Year 10 HASS

## Career and Enterprise - General

Career education involves learning to manage and take responsibility for personal career development. The Career and Enterprise General course involves recognising one's individual skills and talents and using this understanding to assist in gaining and keeping work. The course develops a range of work skills and an understanding of the nature of work. Key components of the course include: the development of an understanding of different personality types and their link to career choices; entrepreneurial behaviours; learning to learn; and the exploration of social, cultural and environmental issues that affect work, workplaces and careers.

## Minimum prerequisites: no prerequisite

## Modern History - General

Studying the Modern History General course exposes students to a variety of historical sources, including government papers, extracts from newspapers, letters, diaries, photographs, cartoons, paintings, graphs and secondary sources, in order to understand the historical narrative including cause and effect, and the forces influencing people and events. Through the process of historical inquiry, students are encouraged to question historical sources; identify various representations and versions of history; use evidence to formulate and support their own interpretations; and communicate their findings in a variety of ways.

## Minimum prerequisites: no prerequisite

## Politics and Law - General

The study of politics and law provides students with knowledge and understanding of the principles, structures, institutions, processes and practices of political and legal systems. The course challenges students to examine the effectiveness of political and legal systems using criteria, such as representation, openness, responsiveness and accountability of those systems and come to an understanding of the complexities of governing nations. In addition, the Politics and Law General course allows students to gain insights into the social and political values underpinning Australia's political and legal system as well as alternative political and legal systems. It provides students with a basis for engaging in an effective, and informed, way with the political and legal system in the future.

Minimum prerequisites: no prerequisite

## Mathematics

## Mathematics Specialist - ATAR

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

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

Minimum prerequisites: A grade in Year 10 Mathematics and course mark of 85\%

## Mathematics Methods - ATAR

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, and 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. In summary, this course is designed for students whose future pathways may involve mathematics and statistics and their applications in a range of disciplines at the tertiary level.

Minimum prerequisites: A grade in Year 10 Mathematics and course mark of 75\%

## Mathematics Applications - ATAR

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, but whose future studies or employment pathways 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.

Minimum prerequisites: B grade in Year 10 Mathematics and course mark of 65\%

## Mathematics Essentials - General

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.

Minimum prerequisites: C grade in Year 10 Mathematics and course mark of 50\% recommended

## Science

## Chemistry - ATAR

The Chemistry ATAR course equips students with the knowledge, understanding and opportunity to investigate properties and reactions of materials. Theories and models are used to describe, explain and make predictions about chemical systems, structures and properties. Students recognise hazards and make informed, balanced decisions about chemical use and sustainable resource management. Investigations and laboratory activities develop an appreciation of the need for precision, critical analysis and informed decision making.

This course prepares students to be responsible and efficient users of specialised chemical products and processes at home or in the workplace. It also enables students to relate chemistry to other sciences, including biology, geology, medicine, molecular biology and agriculture, and prepares them for further study in the sciences.

## Minimum prerequisites: A grade in Year 10 Science

## Human Biology - ATAR

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.

Minimum prerequisites: B grade minimum in Year 10 Science

## Physics - ATAR

In the Physics ATAR course students will learn how energy and energy transformations can shape the environment from the small scale, in quantum leaps inside an atom's electron cloud, through the human scale, in vehicles and the human body, to the large scale, in interactions between galaxies. Students have opportunities to develop their investigative skills and use analytical thinking to explain and predict physical phenomena.

Students plan and conduct investigations to answer a range of questions, collect and interpret data and observations, and communicate their findings in an appropriate format. Problem-solving and using evidence to make and justify conclusions are transferable skills that are developed in this course.

Minimum prerequisites: A grade in Year 10 Science and B grade in Year 10 Mathematics

## Human Biology - General

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.

Minimum prerequisites: no prerequisite

## Integrated Science - General

The Integrated Science General course enables students to investigate science issues in the context of the world around them. It encourages students to develop their scientific skills of curiosity, observation, collection and analysis of evidence, in a range of contexts. The multidisciplinary approach, including aspects of biology, chemistry, geology and physics, further encourages students to be curious about the world around them and assume a balanced view of the benefits and challenges presented by science and technology. Students conduct practical investigations that encourage them to apply what they have learnt in class to real-world situations and systems.

Minimum prerequisites: no prerequisite

## Technologies

## Computer Science - ATAR

Computer Science is the perfect subject not only for anyone wanting to study computing at university (including areas such as programming, database, security, media and games), it also offers a practical working background for university, science, engineering, humanities, law and business courses.

Over Years 11 and 12 students are introduced to systems design and analysis, database modelling and creation; the use of development tools such as Data Flow Diagrams, Entity Relationship diagrams, flow charts, Pert charts and Gantt charts. Computer programming is taught both theoretically and practically. Using a major internet language, PHP, students learn to write and run programs to solve given problems and run their solutions on our web server located in the classroom. It is assumed that students have little to no background in programming, database modelling and creation or systems design and analysis.

With an acknowledged world-wide shortage of database and network engineers as well as computer programmers, Computer Science at BCC could lead students into a career with a strong demand, especially for more females entering the IT field.

Students planning for university after school need to choose subjects which maximise their ATAR position. Historically Computer Science, at BCC, has offered students their first or second ATAR preference score. Over the past six years, our Computer Science students have achieved some of the highest WACE results both within BCC and in the state. One BCC student gained top of state a few years ago.

Note: Students must have continuous use of a home computer capable of running Win7 (equivalent or higher) and permanent broadband (internet) access. Students must have access to Microsoft Access.

Minimum prerequisites: C grades in Year 10 Mathematics and English for this course.

## CHC22015 Certificate II in Community Services (Childcare)

This qualification will be delivered across Years 11 and 12 and can be used as a pathway qualification into a wide range of early childhood education settings, such as a childcare worker where students assist children in meeting their immediate needs by providing the appropriate care required by the children in a legitimate facility.

To achieve a Certificate II in Community Services (Childcare) students must;

- complete five core and four elective units
- attend and participate in at least 12 organised playgroups (Meerilinga Child and Family Centre Ballajura)
- complete all written and practical work.


## Minimum prerequisites: C grade in Year 10 Childcare and Development

## SIT20316 Certificate II in Hospitality

This qualification provides the skills and knowledge for an individual to be competent in a range of activities and functions requiring basic operational knowledge and limited practical skills in a defined context. Work would be undertaken in various hospitality settings, such as restaurants, hotels, motels, catering operations, clubs, pubs, cafes and coffee shops. Individuals may work with some autonomy or in a team but usually under close supervision.

Individuals with this qualification are able to perform roles such as:

- serving food and beverage to tables
- preparing and serving coffee
- prepare and serve non-alcoholic beverages
- providing reception or front desk services
- providing assistance in a catering operation
- providing assistance to room service and porter.

The SIT20316 Certificate II in Hospitality is comprised of the following Units of Competency:

- BSBWOR203 Work effectively with others
- SITHIND002 Source and use information on the hospitality industry
- SITHIND003 Use hospitality skills effectively
- SITXCCSO03 Interact with customers
- SITXCOM002 Show social and cultural sensitivity
- SITXWHSO01 Participate in safe work practices
- BSBCMM201 Communicate in the workplace
- SITHCCCOO3 Prepare and present sandwiches
- SITHFAB004 Prepare and serve non-alcoholic beverages
- SITHFAB005 Prepare and serve espresso coffee
- SITXFSA001 Use hygienic practices for food safety
- SITHCCCOO1 Use food preparation equipment

Minimum prerequisites: C grade in Year 9 or 10 Food Technology or Food and Catering

## MEM20422 Certificate II in Engineering Pathways

Provides students with the knowledge and skills to improve prospects of employment in an engineering or related occupation and enhance opportunities for apprenticeships in industries such as rail transport infrastructure and maintenance, mining, automotive, or hydraulics. Within this course gain the skills and knowledge to be able to operate lathes and milling and drilling machines, make and assemble components, safely use hand and power tools, be able to read measuring tools, read and interpret engineering drawings, and operate in an engineering workplace observing health and safety guidelines. This course offers the opportunity to learn about the industry, so that you can have a better understanding of what particular area of engineering you would like to get into.

[^1]
## Building and Construction - General

The Building and Construction General course encompasses the skills and applications of many of the trades and professions in the construction industry.

Students have the opportunity to develop and practice skills that contribute to creating a physical environment, while acquiring an understanding of the need for sustainability, and an awareness of community and environmental responsibilities.

Students will learn and practice building processes and technologies, including principles of design, planning and management.

Minimum prerequisites: 'C' grade in a Year 10 Design and Technology subject recommended. Material Design and Technology Metal - General
The Materials Design and Technology General course is a practical course. It is a course about ideas, innovation and creativity as well as building metalworking knowledge and skills and has both a practical and theoretical element where students work with various metal forms in the design and manufacture of a product.

Students have the opportunity to develop and practise skills, while acquiring an appreciation of the application of a design process and an understanding of the need for materials sustainability.

They will need to apply skills of management in planning and implementing a process, at the same time as they manipulate tools and machines to produce high-quality products safely and efficiently.

Minimum prerequisites: C grade in Year 9 or 10 Design and Technology

## Computer Science - General

In the Computer Science General Course students are introduced to the fundamental principles, concepts and skills within the field of computing. They learn how to diagnose and solve problems while exploring the building blocks of computing. Students explore the principles related to the creation of computer and information systems; software development; the connectivity between computers; the management of data; the development of database systems; and the moral and ethical considerations for the use of computer systems.

Minimum prerequisites: C grades in Year 10 Mathematics and English for this course

## Design: Technical Graphics - General

This course will facilitate a deeper understanding of how design works. Design has its own set of theories and practices and incorporates a wide range of principles, methods and techniques drawn from a variety of different disciplines such as, digital design, technical graphics, and engineering. Design projects allow students to demonstrate their skills, techniques and application of design principles and processes; to analyse problems and possibilities; and to devise innovative strategies within design contexts.

## Minimum prerequisites: C grade in a Year 9 or 10 Design and Technology

## Material Design and Technology Metal - General

The Materials Design and Technology General course is a practical course. It is a course about ideas, innovation and creativity as well as building metalworking knowledge and skills and has both a practical and theoretical element where students work with various metal forms in the design and manufacture of a product.

Students have the opportunity to develop and practise skills, while acquiring an appreciation of the application of a design process and an understanding of the need for materials sustainability.

They will need to apply skills of management in planning and implementing a process, at the same time as they manipulate tools and machines to produce high-quality products safely and efficiently.

Minimum prerequisites: C grade in a Year 9 or 10 Design and Technology

## Material Design and Technology Textiles - General

The Materials Design and Technology General course is a practical course with hands on experience in the fashion and textiles industry. This course provides extensive knowledge in researching ideas, figure and design drawing, design pattern making, and garment design and construction. Project based course provides students with completion of hand created garments using a range of manipulation, processing, manufacturing, and organisational skills.

Minimum prerequisites: C grade in a Year 9 or 10 Design and Technology

## Material Design and Technology Wood - General

The Materials Design and Technology General course is a practical course. It is a course about ideas, innovation and creativity as well as building woodworking knowledge and skills and has both a practical and theoretical element where students work with timber in the design and manufacture of a product.

Students have the opportunity to develop and practise skills, while acquiring an appreciation of the application of a design process and an understanding of the need for materials sustainability.

They will need to apply skills of management in planning and implementing a process, at the same time as they manipulate tools and machines to produce high-quality products safely and efficiently.

Minimum prerequisites: C grade in a Year 9 or 10 Design and Technology

## VET and Careers

## BSB20120 Certificate II in Workplace Skills

This qualification reflects the role of individuals in a variety of entry-level job roles.

This qualification also reflects the role of individuals who have not yet entered the workforce and are developing the necessary skills in preparation for work.

These individuals carry out a range of basic procedural, clerical, administrative or operational tasks that require self-management and technology skills. They perform a range of mainly routine tasks using limited practical skills and fundamental operational knowledge in a defined context. Individuals in these roles generally work under direct supervision.

Students will complete 5 core units and 5 elective units. These may be demonstrated in class activities or through undertaking enterprising projects.

Many of the skills most valued by industry cut across multiple sectors of Australia's economy. This qualification assists individuals to develop flexible and transferable skills that will benefit industry and learners. These cross sector skills are at the forefront of growth and innovation in Australia.

After achieving the BSB20120 Certificate II in Workplace Skills, individuals may undertake a variety of pathways through training or employment:

- A Certificate III in Business, Library and Information Services, Entrepreneurship, Legal Services or Workplace Health and Safety
- Other relevant Certificate III or higher qualifications.
- Traineeships.

Minimum prerequisites: no prerequisite

## BSB40120 Certificate IV in Business

This industry and academically recognised qualification will provide you with a range administrative, organisational and analytical skills and knowledge developed in a variety of contexts. You will be required to find solutions to unpredictable problems, analyse and/or evaluate information from various sources and in some instances, you may be asked to provide guidance to others with some limited responsibility for the work they produce.

This certificate offers you an alternative entry pathway to Universities where the course requirement is an ATAR of 70. English language proficiency entry rules apply.

This certificate also offers opportunities in the workplace as you will develop relevant technical, vocational and interpersonal skills (hard and soft skills) which are highly sought after and transferable in different workplaces/industries.

C grade in Year 10 Mathematics and B grade English for this course

## Authority Developed Workplace Learning (ADWPL)

Workplace Learning is an Authority-developed endorsed program. To complete this endorsed program, the student will be required to complete work experience in one or more workplaces. The program provides an opportunity for students to demonstrate and develop increasing competence in the core skills for work, often referred to as generic, transferable or employability skills. A student will learn to apply and adapt the workplace skills that are necessary to understand and carry out different types of work and that play a key role in lifelong learning.

To complete this endorsed program, the student must record the number of hours completed and the tasks undertaken in the workplace in a Workplace Learning Log Book. The student must also provide evidence of their knowledge and understanding of the workplace skills by completing a Workplace Leaning Skills Journal after each 55 hours completed in the workplace.

Minimum prerequisites: School attendance of 85\%

## Appendix A - course charges

| Course Code | Course Name | Course Cost* |
| :---: | :---: | :---: |
| 1ADWPL | Workplace Learning | 150.00 |
| AECSC | ATAR Computer Science | 59.00 |
| AEECO | ATAR Economics | 110.00 |
| AECHE | ATAR Chemistry | 85.00 |
| AEELD | ATAR English as an Additional Language or Dialect (ELD) | 70.00 |
| AEENG | ATAR English | 70.00 |
| AEGEO | ATAR Geography | 110.00 |
| AEHBY | ATAR Human Biology | 85.00 |
| AEHIM | ATAR Modern History | 110.00 |
| AELIT | ATAR Literature | 70.00 |
| AEMAA | ATAR Mathematics Applications | 72.00 |
| AEMAM | ATAR Mathematics Methods | 78.50 |
| AEMAS | ATAR Mathematics Specialist | 72.00 |
| AEPHY | ATAR Physics | 85.00 |
| BSB20120 | Certificate II in Workplace Skills | 80.00 |
| BSB40120 | Certificate IV in Business | 150.00 |
| CHC22015 | Certificate II in Community Services | 195.00 |
| CUA20620 | Certificate II in Music Industry | 140.00 |
| CUA20720 | Certificate II in Visual Arts (Digital Designer) | 135.00 |
| GEBCN | General Building and Construction | 200.00 |
| GECAE | General Career and Enterprise | 100.00 |
| GECSC | General Computer Science | 59.00 |
| GEDEST | General Design - Technical Graphics | 85.00 |
| GEENG | General English | 60.00 |
| GEELD | General English as an Additional Language or Dialect (ELD) | 70.00 |
| GEHBY | General Human Biology | 85.00 |
| GEHEA | General Health Studies | 80.00 |
| GEHIM | General Modern History | 100.00 |
| GEISC | General Integrated Science | 85.00 |
| GEMAE | General Mathematics Essential | 67.00 |
| GEMDTM | General Materials Design and Technology: Metals | 240.00 |
| GEMDTT | General Materials Design and Technology: Textiles | 215.00 |
| GEMDTW | General Materials Design and Technology: Wood | 210.00 |
| GEMPA | General Media Production and Analysis | 115.00 |
| GEOED | General Outdoor Education | 400.00 |
| GEPAL | General Politics and Law | 100.00 |
| GEPES | General Physical Education Studies | 115.00 |
| GEVAR | General Visual Arts | 125.00 |
| MEM20422 | Certificate II in Engineering Pathways | 240.00 |
| SIS20321 | Certificate II in Sport Coaching | 215.00 |
| SIT20316 | Certificate II in Hospitality | 200.00 |

*Course charges are yet to be finalised and may vary slightly as they are yet to be endorsed by th


[^0]:    * Students will generally undertake $2 \times 1$ hour theory sessions per week and $2 \times 1$ hour practical sessions per week. The practical sessions will be taught through two of the following contexts volleyball, tennis, basketball, badminton, soccer, netball, AFL and touch rugby. These activities will be selected according to the class' individual and group dynamics.

[^1]:    Minimum prerequisites: C grades in Year 10 Mathematics and English for this course

