



Sevenoaks Senior College

2020

www.sevenoaks.wa.edu.au

Year 11 and 12

**Course selection and
enrolment handbook**



Sevenoaks Senior College is a Registered Training Organisation
and an Independent Public School



Contents

Sevenoaks Senior College Course Selection and Enrolment Handbook

This book explains all of the programs available at Sevenoaks Senior College.

When you enter senior school, there are clear requirements for course selection and completion for you to achieve the Western Australian Certificate of Education (WACE). The WACE is required for entry into most post-school options including further training (TAFE colleges or University) and employment. Use this handbook to guide your course selections.

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What to expect when you enrol at Sevenoaks

This section of the booklet provides you with information about the day to day operations of Sevenoaks.

When you complete the Enrolment Form, you are required to sign it to indicate that you have read and understood the rules and expectations explained in the pages that follow.

Young Adult Environment

Sevenoaks Senior College operates as a Young Adult environment. Students are encouraged to develop independence and responsibility in a supportive environment. This is to prepare them for post-school life whether they choose to attend University, TAFE or enter the workforce.

Working Hours

The College's daily program extends from 8am to 4.30pm. The extended College day means that students may have unsupervised periods of time between classes. Staff are available to meet with individual students or groups at these times or students may choose independent work or meetings with other students.

Timetables

Each student receives an individual timetable that shows their start and finish times for each day. Due to the extended day, students may have days where classes run from 8am to 4.30pm or they may have days where a later start or earlier finish occurs.

Students are required to be on campus for all their scheduled classes. In addition, those who are enrolled in Traineeships, Workplace Learning or VET courses may be off campus one or two days a week to attend these programs.

We expect all of our students to use their non-class zones for study, work with other students, to complete work missed due to being offsite or to arrange appointments with the Careers Adviser, teachers, Advocates or Youth Workers.

Advocacy is a compulsory, timetabled class that occurs once per week.

Students enrolled in ATAR courses will have a compulsory Pathways course that will run on Wednesday afternoons between 2.40pm and 3.40pm.



Daily Schedule

The College Day operates from 8am to 4.30pm.

Class Times

Zone 1	8.00 - 8.50
Zone 2	8.50 - 9.50
Zone 3	9.50 - 10.50
BREAK	10.50 - 11.10
Zone 4	11.10 - 12.10
Zone 5	12.10 - 1.10
LUNCH	1.10 - 1.40
Zone 6	1.40 - 2.40
Zone 7	2.40 - 3.40
Zone 8	3.40 - 4.30

Student Term Dates 2020

Term 1 Monday 3 February to Thursday 9 April

Term 2 Tuesday 28 April to Friday 3 July

Term 3 Monday 20 July to Friday 25 September

Term 4 Monday 12 October to Thursday 17 December

Details of staff development days are published on the College website at the start of the calendar year.

Year 12 compulsory school and ATAR practical examinations run during the Term 3 school holidays. Students receive an exact timetable at least three weeks before the exams start.

Year 12 compulsory WACE examinations occur through the month of November. Personalised timetables are provided at the end of Term 3.

Student Support

In addition to the high level of skills and commitment provided by classroom teachers, the Advocacy program is an important initiative at Sevenoaks to support student learning. It is based on our strong commitment to provide total support for our students throughout their senior schooling.

The Advocacy program focuses on:

- establishing and maintaining relationships of care and support between staff and students,
- empowering students to set educational and personal goals and to monitor their own progress, as well as
- assisting and guiding students as they learn problem-solving strategies and life skills.

Key features of the Advocacy program

Each student has an Advocate who has the special role of providing support and guidance in relation to their educational program and goals.

The Advocate is a student's first contact for any issues which need to be discussed about College life and regular meetings occur between a student and their Advocate throughout their senior schooling.

A key role for the Advocate is providing guidance and support for students to be successful in their education. Advocates also support students to achieve their short term and long term goals. Advocates work with students to ensure that they are able to enjoy the rights and meet the responsibilities of being a member of the Sevenoaks community.

Parents, Advocates and students work together through ongoing contact to help every student achieve their goals.



Federal and State Government support agencies

Federal and State Government support agencies have been established to assist students in their transition from school to work.

Sevenoaks staff working in the area of Careers and Transition and Student Services have developed a close working relationship with these agencies to ensure easy access for students and a smooth referral process.

Research

Sevenoaks actively engages in research that assists us to improve outcomes for all students.

From time to time, there is the opportunity for students to be involved in community-based and school-based surveys. These surveys provide us with valuable feedback about how students are engaging in their education and how we can improve or extend the opportunities we provide.

Permission is sought from parents/guardians to allow students to take part in surveys and to be observed in classroom activities for research purposes. The back page of the Enrolment Form provides space for parents/guardians to sign, granting such permission.

When the results of this research are published, no individual student, class or teacher will be identified.

Photographs and other visual material

There is much interest in Sevenoaks Senior College as a leader in senior schooling. From time to time, photographs, videos or films may be taken of students engaged in activities at Sevenoaks. Often there will be opportunities for such material to appear in the media, in College promotional publications or on the College website.

The back page of the Enrolment Form provides space for parents/guardians to sign, giving permission for such visual images featuring their child to be used for these purposes.

Note that student names will only appear in such publications after specific permission has been sought and received from parents/guardians.

Student safety

Security on site

At Sevenoaks, each student is encouraged to take increasing responsibility for the planning and achievement of their personal and academic outcomes.

It is important in such an environment that while students are allowed some freedoms, the school maintains reasonable levels of supervision and security.

The College buildings are highly secure and are monitored directly by staff and by video surveillance.

Supervision of students

The flexible timetable at Sevenoaks means that many students will spend considerable time at the College but not in classes. There is no formal supervision or surveillance of students who are not in classrooms. However, staff constantly move around the College in the normal course of their duties and exercise their duty of care. They are available to students if needed.

When students are not in scheduled classes, they may choose to work in areas throughout the College such as the library or computer rooms or may meet and talk with other students in the College grounds.

The school uniform is an important tool for staff to identify students of the College outside of scheduled class time, therefore students are expected to be in uniform at all times.

Direct monitoring of student activities takes place during morning break and lunch.

Further security for students on the College site is provided by:

- Video surveillance cameras
- Good lighting in the College grounds
- A security pass or identification system which includes:
 - students wearing a uniform which makes it easier to identify non-students,
 - visitor sign-in procedures and badges and
 - student SmartRider cards.

Video surveillance cameras

Video surveillance cameras are strategically placed around the College to maintain a safe and secure environment and to protect our College assets. Such surveillance helps the College to:

- identify intruders
- identify individuals who damage or remove property and
- control entry into the building after hours.



Attendance

Attendance is fundamental to success.

Student attendance at Sevenoaks is targeted at 100% to ensure that students have the best chance to reach their maximum potential. As a result, student attendance in class is closely monitored. Student attendance is recorded for each timetabled session.

If concerns arise with a student's attendance, the matter will be discussed between the Advocate and student. If the problem continues, parents will be advised and other action may be taken.

Notification of Absences

Parents are required to notify the school as early as possible if a student is absent for all or part of the school day.

We use MGM Wireless Messaging Services every day to send SMS messages to parents if their child misses a zone. These messages are sent in the morning and the afternoon.

The information is recorded each day and our Student Services Officer calls parents every afternoon to clarify absentee issues. Parent feedback is noted and a printout of the information is given to the Principal or Vice Principal. Our attendance records are maintained on the School Information System (SIS) database and each fortnight, a "percentage of attendance" report is generated and given to Advocates for discussion with students.

Attendance below 90%

When attendance falls below 90%, a parent letter is generated explaining the need for their child to attend every class. Parents are also requested to attend an interview at the College where strategies are discussed to improve their child's attendance. It is expected that a parent or guardian will:

- contact the College prior to the absence to explain the absence, or
- provide a written explanation that the student should bring to College the next day. Letters explaining absences should be addressed to the Advocate and may be given directly to them or left with the Front Office.

Alternatively, parents may choose to fax or email the College with an explanation for absences.

- If a student lives independently, a medical certificate should be provided to explain any absence for sickness, and explanations for other absences should be discussed with the Advocate.

Punctuality

Students are expected to be on time for all classes. Late arrival for a class will be recorded on their attendance records. Consistent lateness will be followed up by the student's Advocate teacher.

A reward program is in place to recognise students with excellent attendance.

Dress code

Students at Sevenoaks are required to be neatly and appropriately dressed and refrain from wearing attire which is immodest, offensive or displays inappropriate slogans.

The Sevenoaks uniform was selected after consultation with students and parents. It is a comfortable, affordable option with many varied garments from which to choose. All students are required to wear the Sevenoaks uniform.

For occupational health and safety purposes:

- Footwear must be worn at all times.
- Thongs, open back sandals and Ugg boots are not acceptable footwear.
- If open shoes are worn, they must be flat with a strap at the back so they do not create a hazard to the wearer when walking.
- Appropriate closed-in footwear is required in all practical classes.
- Students are expected to remove any jewellery that, in the opinion of the teacher, may be unsafe in the practical or physical education courses.

Workplace Learning and Traineeships: dress requirements

Many students will undertake Workplace Learning or Traineeships. They will be required to comply with the employer's dress and workplace standards.

Getting about

Movement of students on and off the College site

Due to the timetable structure, students may be on the College site but not attending classes throughout the entire day.

Facilities are available for students to work independently or with fellow students in the library or other work areas, both supervised and unsupervised. Students are strongly encouraged to use these facilities for independent study and to make full use of the opportunity to establish their own work patterns.

Students may move on and off the College site as they please. This increased level of independence requires students to be more aware of safety and behaviour issues. This is discussed with students during Advocacy. Parents/guardians should also discuss this matter with students. Students are not required to check out or in, and it is each student's responsibility to ensure he or she arrives punctually at each timetabled class.

Note:

This does not apply to Cannington Community Education Support Centre students who require closer supervision which is provided by CCESC staff.

Students travelling on public transport

Students using public transport make use of regular services and are responsible for their own safety and welfare during travel.

Travelling to and from Workplace Learning

When students attend a Workplace Learning placement, it is the responsibility of the student to make their own travel arrangements to and from that placement.

Student car park

The student car park is provided for the vehicles of Year 12 Registered Drivers only (refer to the information in the following section). Visitors or vehicles used to collect or deliver students must park in the bays at the front entrance to the College.

Students may not sit in cars whilst on the College site.

Students who drive to Sevenoaks

College policy on drivers

Students who wish to drive a vehicle to College can apply to become a Registered Driver.

Registered Drivers sign a Registered Driver's Agreement to receive permission to use the College car park.

Registered Drivers are required to comply with the following:

1. No other students (under the age of 18) are to be driven to and from the College in the vehicle except with the written approval from:
 - a) the driver's parents/guardian
 - b) the prospective passenger's parent/guardian.
2. An 8 kph speed limit applies within the College precinct.
3. Drivers must proceed safely (cautiously) and give way to pedestrians.
4. Registered Drivers may not sit in their cars or allow others to sit in their cars in the College car park.

Registered Driver's Agreement forms are available from the Student Service reception area.

While there is no routine supervision of students arriving at or leaving the College, drivers found to be in breach of the Driver's Agreement will lose the privilege of parking in the College car park.

Student code of behaviour

Students' rights and responsibilities

All students attending Sevenoaks enjoy the right to:

- learn in an atmosphere of order and cooperation
- enjoy learning and feel optimistic about the future
- feel safe, free from harassment and discrimination
- be treated with respect.

To ensure all students at Sevenoaks enjoy their rights, each individual has the responsibility to:

- be open-minded and fully prepared to achieve his/her best
- always act in a way which is not hurtful of others
- allow each person to make appropriate choices and decisions about his/her life
- accept responsibility for his/her own actions
- respect the rights, educational opportunities and property of others
- use IT, mobile phones and other devices in accordance with the College IT policy and code of behaviour.

Students who honour their rights and meet their responsibilities at Sevenoaks will maintain their access to privileges.

Privileges and responsibilities

Sevenoaks students have the privilege of studying in an adult learning environment. This means that they have a lot of freedom, and with that freedom goes responsibility for their own actions.

Teachers at Sevenoaks are committed to working cooperatively with students to help them achieve their goals.



Sorting out problems

If a student and their Advocate working together are unable to resolve a problem, a process has been established to further assist in negotiating a solution. The student initially attends a case conference to make and review agreements. Ultimately if the problem continues the student appears before the College Panel.

Mobile phone etiquette

The increased ownership of mobile phones requires that all members of Sevenoaks Senior College use their phones appropriately and responsibly.

The user must ensure that the mobile phone:

- is switched off during class time or must be on silent/vibrate mode
- is not answered or used during class time
- camera should only be used when all people in the image have agreed to be included.

The user must:

- accept personal responsibility for all images, data, messages etc sent from or stored on their phone as per the Information Technology User Policy
- not send or encourage others to send communications that may cause another person to feel abused, harassed or menaced
- not send or display pornographic, violent or offensive images, messages or sites.



Staying on track

The table below identifies the expectations we have of all students and identifies the actions to be taken if expectations are not met.

Expectations		Interventions
Satisfactory academic progress	<ul style="list-style-type: none"> • Completion of all requirements of each course, certificate or program • Submission of all homework, assignments and coursework • A cooperative working relationship with teachers and others • Work effort at a level which reflects the capabilities and aspirations of the student • Pride in the presentation of work. 	<p>Intervention will occur if a student acquires three (3) formal reports in any of the areas below:</p> <ul style="list-style-type: none"> • failure to submit or complete work • unacceptable dress standards • inappropriate behaviour • failure to comply with the College IT User Agreement. <p>Intervention will also occur if a student seriously breaches the Student Behaviour Code.</p>
Appropriate use of Information Technology resources	<ul style="list-style-type: none"> • Full compliance with the Information Technology User Agreement. 	
Acceptable standards of dress	<ul style="list-style-type: none"> • Dress that meets the standard described in the Sevenoaks Dress Code. 	
Acceptable behaviour	<ul style="list-style-type: none"> • Behaviour that is within the guidelines of the Student Code of Behaviour. 	

Intervention Procedures

Serious breaches of the Behaviour Code

Students who engage in behaviour which seriously breaches the Student Code of Behaviour will be referred directly to a member of the College leadership team.

Such behaviour may result in a direct referral to the College Panel which may consider excluding the student from the College.

Serious breaches of the behaviour code may include the following:

- Behaviour which disrupts the good working order of the College
- Refusing to comply with reasonable instructions given by College staff
- Abusive language to staff
- Physical assault or threats to staff or other students
- Bringing dangerous items or prohibited substances to College
- Theft or damage to College property
- Drug abuse
- Smoking
- Inappropriate use of the IT facilities.

Violence at Sevenoaks

Action to be taken when students fight, film and/or publish videos of fighting

Students who fight or make intentional physical contact with other students disrupt the good order that we expect at Sevenoaks Senior College and can cause harm and injury to other students who have a right to a safe learning environment.

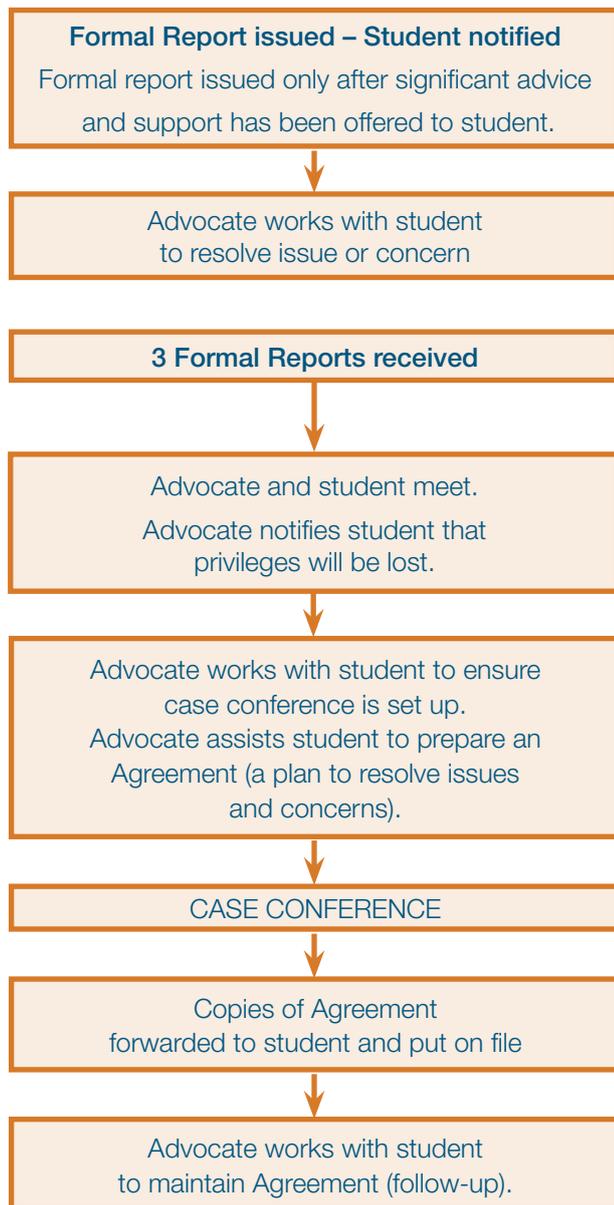
Student fighting, making intentional physical contact with other students and videoing fights are actions that are unacceptable and a breach of our code of conduct.

The College Principal has the power to suspend a student under section 90 of the School Education Act 1999. Students who attack other students or who start fights will be suspended. Students will then meet with the College Panel to formalise an acceptable behaviour plan.

The College will automatically move to exclude any student who physically attacks a member of staff at the College.

Procedure following formal intervention

At all times the student and his/her Advocate continue to work closely together to ensure that the student is able to resolve the issues.



- **First formal intervention:**
Case conference with Student Services Coordinator, Advocate and student.
- **Second formal intervention:**
Case conference also includes parent.
- **Third formal intervention:**
Case conference also includes parent and Vice Principal.
- **Fourth formal intervention:**
Student appears before the College Panel, which consists of the Vice Principal, Student Services Coordinator and parent representative.

The student's parent or guardian will receive prior notification of the convening of the panel and notification in writing of the panel's decision.

Internet and Information Technology User Policy

The Sevenoaks campus has software in place that can monitor and record all Internet and email usage and can detect any inappropriate use. Students have a responsibility to follow the Online Services Acceptable Use requirements. Violations of this policy may result in disciplinary action, withdrawal of Internet access and possible legal action.

As a student at Sevenoaks, students are expected to accept personal responsibility for using the Internet, email and information technology resources appropriately. They will sign an Online Services Acceptable Use Agreement on the first day of school that includes their agreement to:

1. Use appropriate language, i.e. no swearing, use of vulgar or other inappropriate language at any time. (See Section 852E of the Commonwealth Crimes Act.)
2. Use the Internet and email for curriculum-related purposes only, i.e. no games, cheat sheets, or any form of social media.
3. Not download, save or share materials that are not curriculum-related.
4. Not use College equipment to 'Spam', i.e. distribute unwanted material to email addresses.
5. Never send or encourage others to send abusive messages or harass or menace another through the use of the Internet or email or social media.
6. Not reveal their personal address or phone number or the personal details of others at the College.
7. Not use another student's password.
8. Accept full responsibility for their own user account. This includes never providing another person with passwords, impersonating another person or choosing to remain anonymous when personal details are required.
9. Strictly adhere to copyright regulations for sites visited.
10. Correctly reference Internet sites as per the student handbook.
11. Not use the network inappropriately.
12. Report any misuse of the network to a teacher, i.e. any messages sent or received that indicate or suggest pornography, unethical or illegal solicitation, racism, sexism or inappropriate language. (We realise that inadvertent access to inappropriate materials does occur from time to time.)
13. Not alter, manipulate or tamper with any software or hardware belonging to Sevenoaks.
14. Not interfere with another student's access to the network.
15. Neither deliberately nor inadvertently spread a computer virus.
16. Not use earphones except when permitted by the teacher for curriculum-related purposes.

Students have access to their own allocated space on the H drive. Access to any other parts of the network constitutes inappropriate use.

Students found to be breaching any part of the Online Services Acceptable Use Agreement or using the network inappropriately will lose privileges, including email.

SmartRider

SmartRider Cards

The Public Transport Authority (PTA) has replaced the Student Travel Permit with the Student SmartRider concession card which entitles students (up to the age of 19) a student fare.

Students require the Student SmartRider card to access concession travel on Transperth bus, rail and ferry services and Transwa country road and country rail services.

In order to issue cards, the PTA requires that parents/guardians give their permission for schools to provide student details and photograph to the PTA for the purposes of registering the student for concession travel and to enable the SmartRider card to be produced.

The information to be released is student name, date of birth, address and School Curriculum and Standards Authority number.

Only students who provide parent/guardian permission for the release of these details and for a photograph to be taken will be issued with a card through the College. Students over the age of 18 may sign their own permission slip.

Students who choose not to obtain a SmartRider card through this process will need to apply directly to a Transperth Information Office for a card and a card fee of \$5 for the purchase of the card will apply.

Replacement cards can be ordered through the library and cost \$5.

Communication

Communicating With Parents

- Regular newsletters will be posted to parents to keep them abreast of the development of College initiatives and to keep everyone informed of important events and dates. The newsletters are also published on the College website (www.sevenoaks.wa.edu.au).

Parents are encouraged to keep regular contact with their child's teachers to gather updates on progress and to share any relevant information.

- Except when students are living independently of their parents, student absences must be explained by a phone call, email, letter from parents or SMS to the absentee line (9356 4955).
- Student absences will be communicated to the nominated person.
- Newsletters and other relevant publications will be available on the College website.
- Students and parents may be contacted via email or SMS to keep them informed, and may use email or SMS to respond or to raise issues with teaching and administrative staff.

Messages to/from students

- Except for serious emergencies, students are not allowed to receive or send messages via administration or teacher phones.
- In serious emergency situations (such as death in a family), the emergency should be explained to office staff and a message may be left.
- Emergency messages of a confidential nature are referred to the Vice Principal.

Medical Information

Students requiring medication are required to provide and administer their own medication. In the exceptional circumstance when a student may require some assistance with medication, special arrangements must be made through the Vice Principal.

If a student's medical information or requirements change, they will need to inform their Advocate.

For some students with medical conditions or disabilities, special provisions are made in assessment.

There is a formal process to apply for special provisions, but any student who believes they may be eligible should see their Advocate as soon as possible.

Immunisation Requirements

Following a change to legislation in 2018, parents and caregivers are required to provide vaccination information to Sevenoaks Senior College when enrolling their child.

The only form of evidence that can be accepted is the vaccination status shown on a current Australian Immunisation Register (AIR) immunisation history statement.

Charges

College charges

Western Australian senior secondary schools charge for course costs, the provision of additional text resources, technology resources, and materials, photocopying and other consumables. Payment for Year 11 and Year 12 education is compulsory.

When student courses have been confirmed, an individualised invoice of charges is issued to each student that reflects the cost of courses to be studied.

A \$200 non-refundable enrolment confirmation charge is required to secure enrolment. This amount will be deducted from the total charges for the year.

To confirm an enrolment for 2020, the enrolment charge must be received by December 2019. The balance then owing must be paid by the end of term 2, 2020.

Students whose enrolment confirmation charge is not paid by December 2019 may lose their position in high demand subjects.

Payment plans can be arranged through negotiation with the College Manager Corporate Services.

Payment can be made at the College Front Office.

Credit card facilities are available and regular deductions from bank accounts can be negotiated.

Government assistance may be available to parents or guardians holding one of the following cards.

- Pensioner Concession Cards
- Health Card
- Health Benefit or Pensioner Card from the Department of Veterans Affairs.

Claims can only be made for students up to and including the year they turn 18 years of age.

Application forms for such assistance can be obtained from the College Manager Corporate Services. Applications close in April 2020.

WACE Requirements for Year 11 students in 2020

Students entering Year 12 in 2020 are required to enrol in an ATAR program or General program that may include Certificates or Foundation courses.

The Western Australian Certificate of Education (WACE)

All students enrolled in Year 11 and 12 in Western Australia are aiming to achieve the Western Australian Certificate of Education (WACE).

Successful completion of the WACE is a requirement for most TAFE courses and employers. University entry also requires the WACE.

How do I complete the WACE?

To qualify for a WACE, students must successfully meet a number of requirements relating to breadth and depth, an achievement standard and the literacy and numeracy standard in their senior secondary schooling.

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.

Breadth and Depth

All students must complete a minimum of 20 units or the equivalent over Year 11 and Year 12.

To complete this requirement, students must complete the following:

- At least ten Year 12 units or equivalent (see below)
- Four units from English or English as an Additional Language or Dialect including one pair of Year 12 units
- One pair of Year 12 units from List A (arts/languages/social sciences)
- One pair of Year 12 units from List B (mathematics/science/technology).

What is a “unit equivalent”?

Students can obtain unit equivalents 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. You may obtain:

- up to eight unit equivalents through completion of VET qualifications OR

- up to four unit equivalents through completion of endorsed programs OR
- up to eight unit equivalents through completion of a combination of VET qualifications and endorsed programs, but with endorsed programs contributing no more than four unit equivalents (two Year 11 units and two Year 12 units).

For VET qualifications:

- a Certificate I is equivalent to two Year 11 units
- a Certificate II is equivalent to two Year 11 and two Year 12 units
- a Certificate III or higher is equivalent to two Year 11 and four Year 12 units
- a partially completed Certificate III or higher is equivalent to two Year 11 and two Year 12 units. (Credit is only allocated if the criteria for partial completion are met.)

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.

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.

*OLNA tests are run twice per year for both Year 11 and Year 12 to give students the opportunity to meet this standard.

Western Australian Statement of Student Achievement

The Western Australian Statement of Student Achievement (WASSA) is issued to all Year 12 students at the completion of their secondary schooling. The WASSA provides a formal record of what students leaving Year 12 have achieved as a result of their school education in Western Australia.

University Entry Requirements

Applying for University Entry

Even if you are enrolling into Year 11, it is important that you understand the University entry requirements so that you can ensure you have selected the best courses for your chosen field of study.

Support at Sevenoaks

Year 11 and Year 12 students that are aiming for University entry receive a range of support at Sevenoaks.

Year 12 University Pathways

All Year 12 ATAR students will attend a weekly University Pathways session. This session is compulsory. During this time, all relevant information for University entry and preparation for University life is provided.

In addition, all Year 12 ATAR students will have a predicted ATAR provided for them at the beginning of the year and will work directly with Mrs Earl (Careers Adviser) to ensure that, when applying for University entry, you have the best chance possible.

Year 11 Pathways to Year 12

All students enrolled in four or more ATAR courses in Year 11 will have a weekly scheduled class to assist them prepare for Year 12. This class is compulsory.

This course covers study skills, research skills and life skills that will support students undertaking the demanding ATAR pathway.

Careers Advisor

All ATAR students have access to appointments with the Careers Advisor, Mrs Earl, throughout their time at Sevenoaks.

It is important that students use this support to get individualised advice.

Requirements for University Entry

Students in Year 12 who have completed a minimum of four ATAR (examination) courses will apply for direct entry to University through the Tertiary Institutions Service Centre (TISC).

TISC provides services for Curtin University, University of Western Australia (UWA), Murdoch University and Edith Cowan University (ECU).

University Admission Requirements for school leavers include:

- Western Australian Certificate of Education (WACE)
- Competence in English
- Australian Tertiary Admission Rank (ATAR)
- Prerequisites specific to the University and Course you are applying for.

Competence in English for University Admissions

For all universities, you must demonstrate competence in English by achieving the prescribed standard in one of the Year 12 courses: English ATAR or English as an Additional Language.

For most universities you must achieve a scaled score of at least 50.

For ECU only you must achieve a scaled score of at least 50 or a letter grade of A, B or C in units 3 and 4 studied in Year 12.

There are some concession mechanisms for students who fail to meet the competence in English requirements and these are dealt with on a case by case basis.

Prerequisites

Not all University courses have prerequisites. Visit www.tisc.wa.edu.au for details of prerequisites for the courses you are planning to apply for.

In most cases, prerequisites require a scaled score of 50 or more in the prerequisite WACE course. Please note that Mathematics prerequisites differ across university courses.

Alternative Entry

Each University offers a range of alternative entry pathways into their courses.

These pathways are not managed by TISC but by applications directly to the University.

Careers Adviser Mrs Earl works closely with University staff involved in these alternative entry pathways and is an excellent resource in this area.

Pathways at Sevenoaks

You have a choice of these Pathways...

... that will take you here...

... and then to here.



Program Selection

Year 11

Students enrolling in Year 11 have several options at Sevenoaks:

Trade Training Program

Housed in our industry standard Trade Training Centre this is a program for students with specific career goals for the Metals/Engineering or Automotive trades. This program is supported by a consortium of trade employers. As a result, students who enrol have direct links to highly sought after companies.

Students enrolled in this program complete a range of courses as well as a relevant VET qualification and Workplace Learning.

Due to high demand for places, enrolment is by application and interview.

The Canning Skills Big Picture Academy

The Canning Skills engagement program embraces the Big Picture philosophy where students are educated one at a time “within a community of learners”.

The Big Picture learning cycle always starts with students identifying their interests and passions. Students are supported to create a learning plan that is based on their needs and interests. The learning program provides the map for each term’s work.

Each semester the students exhibit their learning to a group of people – other students, teachers, family and community members. The students talk about what they are doing and what they are learning. The students then review their progress, assess their achievements and make new plans.

The Canning Skills program is ideally suited to students who have not completed Year 10 or who have circumstances that make a Year 11 General program difficult.

Students will have the opportunity to complete:

- 22472VIC Certificate I in General Education for Adults
- 22473VIC Certificate II in General Education for Adults
- FSK20113 Certificate II in Skills for Work and Vocational Pathways
- Workplace Learning

In addition, students will participate in additional educational opportunities such as Keys for Life, cooking, sport, life and social skills and Leaving to Learn activities.

The Canning Skills Big Picture Academy has a number of Advisory groups managed by experienced, talented teachers. Each Advisory is structured to support the academic needs of each student. Canning Skills also has two youth workers and two teacher assistants who support students in the program.

The Canning Skills Big Picture Academy program offers flexible entry options. This is a highly sought after engagement program and entry is by application and interview.

Confirmation of the qualification offering and the name of the RTO in partnership to deliver the training will be provided prior to the commencement of services.

ATAR Program

Examination courses lead to compulsory external examinations at the completion of Year 12. They are suited to students who wish to enter University at the completion of Year 12.

All students are strongly advised to check the entrance requirements of the University they are planning to enrol in at the completion of their studies before selecting their courses.

Year 11 students wishing to go to University at the end of Year 12 should select at least FIVE ATAR courses and one option from the General or VET list.

General Program

Students wishing to complete their Western Australian Certificate of Education (WACE) but who are not intending to achieve University entry, select courses from the General list. Students may also select an option from the VET offerings.

The General program is most suitable for students aiming for TAFE or direct employment.

Foundation Options

Foundation courses are offered in English and Mathematics for students who have not yet achieved Level 3 in the Literacy and Numeracy online tests (OLNA) in Year 10.

Students who select either of these two courses will also need to select courses from the General Program to make up their six courses. Certificate courses are also available for selection.

Vocational Education & Training (VET)

Sevenoaks Senior College is a Registered Training Organisation (RTO), provider number 51891, approved to deliver the following certificate course:

- **BSB20115 Certificate II in Business**

Sevenoaks Senior College also delivers the following certificate courses on behalf of other Registered Training Organisations:

- **BSB30115 Certificate III in Business**
- **SIT20316 Certificate II in Hospitality**
- **CUA20715 Certificate II in Visual Arts**
- **CUA20615 Certificate II in Music Industry**
- **SIS20115 Certificate II in Sport and Recreation**
- **ICT20115 Certificate II in Information, Digital Media and Technology**

These training qualifications are recognised across Australia.

Confirmation of the qualification offering and the name of the RTO in partnership to deliver the training will be provided prior to the commencement of services.

All Year 12 students enrolled in a General program will be required to complete at least one Certificate II or higher to achieve the Western Australian Certificate of Education (WACE).

Sevenoaks is ideally placed to meet these requirements as we have been offering Certificates at this level since we opened.

Additional VET Opportunities in 2020

Sevenoaks Senior College is always looking for opportunities for our students to be competitive when applying for further training or employment after completing their senior schooling.

In partnership with TAFE colleges, students may have the opportunity to enrol in certificate courses that are not provided at Sevenoaks. Students who do this will attend the relevant TAFE College on one or two days a week and complete the rest of their courses at Sevenoaks on the remaining week days.

Students who are interested in exploring a certificate course that is not offered at the College should see the VET Program Coordinator, Mr Gary Hicklin, phone 9356 4900, as soon as possible.



How to use this book to select your courses

General, ATAR and Foundation

1. Look at the list of Vocational Education and Training Offerings on page 18 and the Course Offerings on pages 19 (Year 11) and 20 (Year 12).
2. Turn to the Course Selection Charts on pages 21 to 25.
3. Tick the courses and certificates that you think sound interesting and useful to your career.
4. Before you make your final decision, read the course and certificate descriptions:
 - Vocational Education and Training Certificate Information (Green shaded pages).
 - Year 11 Course Information (Blue shaded pages)
 - Year 12 Course Information (Orange shaded pages).

Trade Training Centre

The Trade Training Centre program is fixed according to whether you have enrolled in Automotive or Metals/Engineering.

When you select “Trade Training Centre”, your course selections are automatically made.

Vocational Education & Training Offerings in 2020 for Years 11 and 12

Vocational Education & Training Offerings in 2020 for Years 11 and 12

Certificates delivered at Sevenoaks
BSB20115 Certificate II in Business
Certificates delivered at Sevenoaks in partnership with other Registered Training Organisations
BSB30115 Certificate III in Business
SIT20316 Certificate II in Hospitality
CUA20615 Certificate II in Music Industry
CUA20715 Certificate II in Visual Arts (General)
SIS20115 Certificate II in Sport and Recreation
ICT20115 Certificate II in Information, Digital Media and Technology
Off-site Certificates delivered by TAFE
<i>This is a possible sample only. Contact the VET Program Co-ordinator for further details.</i>
ACM20117 Certificate II in Animal Studies
CHC22015 Certificate II in Community Services
UEE22011 Certificate II in Electrotechnology (Career Start Pre-Apprenticeship)
CHC30213 Certificate III in Education Support
AVI20116 Certificate III in Aviation (Flight Operations – Cargo Services)



Sevenoaks Course Offerings

All students will select six (6) courses.

- One of these MUST be: English OR English as an Additional Language or Dialect OR Literature.
- One of these MUST be from List A and one from List B.
- You MAY also select one certificate course from page 18.

Year 11 2020

Course	General	ATAR	Special Conditions
List A Compulsory (choose one)			
English	G1/2ENG	A1/2ENG	
Literature	G1/2LIT		
English Foundation	F1/2ENG		Yes
List A Options			
Business Management and Enterprise	G1/2BME		
Career and Enterprise	G1/2CAE	A1/2CAE	
Geography	G1/2GEO	A1/2GEO	
Health Studies	G1/2HEA		
Modern History	G1/2HIM	A1/2HIM	
Visual Arts	G1/G2VAR		
List B Options			
Applied Information Technology	G1/2AIT		
Chemistry		A1/2CHE	
Design – choose only one: • Dimensional Design OR	G1/2DESD		
• Graphics OR	G1/2DESG		
• Photography	G1/2DESP		
Engineering Studies	G1/2EST	A1/2EST	
Human Biology	G1/2HBY	A1/2HBY	
Integrated Science	G1/2ISC		
Materials Design and Technology – Textiles	G1/2MDTT		
Materials Design and Technology – Wood	G1/2MDTW		
Mathematics Applications		A1/2MAA	
Mathematics Essential	G1/2MAE		
Mathematics Foundation	F1/2MAT		Yes
Mathematics Methods		A1/2MAM	Yes
Mathematics Specialist		A1/2MAS	Yes
Physical Education – choose only one: • PE Studies	G1/2PES		
• PE Studies – Soccer	G1/2PESS		
Physics		A1/2PHY	
Psychology	G1/2PSY	A1/2PSY	
Endorsed Programs			
Cisco Networking Academy Discovery 1	PCCNA1		
Cisco Networking Academy IT Essentials	PCCNAE		
Workplace Learning	ADWPL		
Certificates			
Select from list on page 18			

Special conditions for a course are explained in the Course Descriptions on the pages that follow.

Sevenoaks Course Offerings

Year 12 2020

Course	General	ATAR	Special Conditions
List A Compulsory (choose one)			
English	GTENG	ATENG	
English as an Additional Language or Dialect	GTELD	ATELD	Yes
Literature	GTLIT		
English Foundation	FTENG		Yes
English as an Additional Language or Dialect Foundation	FTELD		Yes
List A Options			
Business Management and Enterprise	GTBME		
Career and Enterprise	GTCAE	ATCAE	
Geography	GTGEO	ATGEO	
Health Studies	GTHEA		
Modern History	GTHIM	ATHIM	
Visual Arts	GTVAR		
List B Options			
Applied Information Technology	GTAIT		
Chemistry		ATCHE	
Design – choose only one: • Dimensional Design OR	GTDESD		
• Graphics OR	GTDESG		
• Photography	GTDESP		
Engineering Studies	GTEST		
Human Biology	GTHBY	ATHBY	
Integrated Science	GTISC		
Materials Design and Technology – Textiles	GTMDTT		
Materials Design and Technology – Wood	GTMDTW		
Mathematics Applications		ATMAA	
Mathematics Essential	GTMAE		
Mathematics Foundation	FTMAT		Yes
Mathematics Methods		ATMAM	Yes
Mathematics Specialist		ATMAS	Yes
Physical Education – choose only one: • PE Studies	GPES		
• PE Studies – Soccer	GPRESS		
Physics		ATPHY	
Psychology	GTPSY	ATPSY	
Endorsed Programs			
Cisco Networking Academy Discovery 2	PCCNA2		
Cisco Networking Academy IT Essentials	PCCNAE		
Workplace Learning	ADWPL		
Certificates			
Certificates – Select from list on page 18			

Special conditions for a course are explained in the Course Descriptions on the pages that follow.

Course Selection Charts

Use the charts on the following pages to help you choose the best combination of courses possible. You will select six (6) courses in total. English is compulsory for ALL students.

Core These are highly recommended and should guide your first choices.

Options These courses are suitable for this area of interest.

Business/Commerce

Potential Career Opportunities	Recommended Courses	
<p><i>Local, State and Federal Agencies</i></p> <p><i>Banking and Financial</i></p> <p><i>Transport and Logistics</i></p> <p><i>Education</i></p> <p><i>Hospitality</i></p> <p><i>Business organisations</i></p> <p><i>Industrial</i></p> <p><i>Commercial</i></p> <p><i>Retail</i></p> <p><i>Warehousing</i></p>	<p>TAFE / Traineeships / Employment</p> <p>Select from General courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> BSB20115 Certificate II in Business OR <input type="checkbox"/> BSB30115 Certificate III in Business <input type="checkbox"/> Workplace Learning <input type="checkbox"/> Applied Information Technology <input type="checkbox"/> Mathematics Essential <input type="checkbox"/> Career and Enterprise <input type="checkbox"/> Business Management and Enterprise <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Geography <input type="checkbox"/> Cisco Networking Academy IT Essentials <input type="checkbox"/> Design – Photography <input type="checkbox"/> Visual Arts <input type="checkbox"/> Design – Graphics <input type="checkbox"/> Psychology <input type="checkbox"/> Health Studies <input type="checkbox"/> Literature 	<p>University Entry</p> <p>Select from ATAR courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> Psychology <input type="checkbox"/> Mathematics Applications <input type="checkbox"/> Career and Enterprise <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Mathematics Methods <input type="checkbox"/> Modern History <p><i>You may also select one or two courses from the General list.</i></p>

Hospitality/Food Services

Potential Career Opportunities	Recommended Courses	
<p><i>Chef/Cook</i></p> <p><i>Hotel Administration</i></p> <p><i>Environmental Health</i></p> <p><i>Events Management</i></p> <p><i>Nutrition</i></p> <p><i>Dietician</i></p>	<p>TAFE / Traineeships / Employment</p> <p>Select from General courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> SIT20316 Certificate II in Hospitality OR <input type="checkbox"/> BSB20115 Certificate II in Business OR <input type="checkbox"/> BSB30115 Certificate III in Business <input type="checkbox"/> Workplace Learning <input type="checkbox"/> Career and Enterprise <input type="checkbox"/> Mathematics Essential <input type="checkbox"/> Integrated Science <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Applied Information Technology <input type="checkbox"/> Health Studies <input type="checkbox"/> Geography <input type="checkbox"/> Business Management and Enterprise <input type="checkbox"/> Psychology 	<p>University Entry</p> <p>Select from ATAR courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> Chemistry <input type="checkbox"/> Human Biology <input type="checkbox"/> Mathematics Applications <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Psychology <input type="checkbox"/> Geography <input type="checkbox"/> Modern History <p><i>You may also select one or two courses from the General list.</i></p>

Science/Engineering

Potential Career Opportunities	Recommended Courses	
<p>Engineering</p> <p>Systems Administration</p> <p>Surveying</p> <p>Manufacturing</p> <p>Health Care</p> <p>Construction</p> <p>Oil, Gas and Mining</p> <p>Local, State and Federal Agencies</p>	<p>TAFE / Traineeships / Employment</p> <p>Select from General courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> BSB20115 Certificate II in Business OR <input type="checkbox"/> BSB30115 Certificate III in Business <input type="checkbox"/> CISCO Networking Academy Discovery <input type="checkbox"/> Mathematics Essential <input type="checkbox"/> Integrated Science <input type="checkbox"/> Engineering Studies <input type="checkbox"/> Workplace Learning <input type="checkbox"/> Psychology <input type="checkbox"/> Physical Education Studies <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Health Studies <input type="checkbox"/> Design – Photography OR <input type="checkbox"/> Design – Dimensional Design <input type="checkbox"/> Career and Enterprise <input type="checkbox"/> Literature <input type="checkbox"/> Geography <input type="checkbox"/> Visual Arts <input type="checkbox"/> Materials Design and Technology – Wood 	<p>University Entry</p> <p>Select from ATAR courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> Mathematics Methods OR <input type="checkbox"/> Mathematics Applications <input type="checkbox"/> Chemistry <input type="checkbox"/> Engineering Studies <input type="checkbox"/> Human Biology <input type="checkbox"/> Psychology <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Geography <input type="checkbox"/> Mathematics Methods <input type="checkbox"/> Mathematics Specialist <input type="checkbox"/> Physics <input type="checkbox"/> Career and Enterprise <p><i>You may also select one or two courses from the General list.</i></p>

Environmental Studies

Potential Career Opportunities	Recommended Courses	
<p>Conservation and Land Management</p> <p>Horticulture</p> <p>Landscaping</p> <p>Marine and Fisheries</p> <p>Ranger</p> <p>Tourism</p> <p>Forestry</p> <p>Agriculture</p> <p>Wildlife Parks</p>	<p>TAFE / Traineeships / Employment</p> <p>Select from General courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> BSB20115 Certificate II in Business OR <input type="checkbox"/> BSB30115 Certificate III in Business <input type="checkbox"/> Career and Enterprise <input type="checkbox"/> Geography <input type="checkbox"/> Integrated Science <input type="checkbox"/> Mathematics Essential <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Applied Information Technology <input type="checkbox"/> Design – Photography <input type="checkbox"/> Visual Arts <input type="checkbox"/> Design – Dimensional Design <input type="checkbox"/> Business Management and Enterprise 	<p>University Entry</p> <p>Select from ATAR courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> Mathematics Applications <input type="checkbox"/> Chemistry <input type="checkbox"/> Geography <input type="checkbox"/> Human Biology <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Physics <input type="checkbox"/> Mathematics Methods <input type="checkbox"/> Mathematics Specialist <input type="checkbox"/> Psychology <input type="checkbox"/> Career and Enterprise <p><i>You may also select one or two courses from the General list.</i></p>

IT/Computing

Potential Career Opportunities	Recommended Courses	
<p>Banking and Financial Transport and Logistics Education Hospitality Telecommunications Security Game Design and Development Industrial, Commercial and Retail</p>	<p>TAFE / Traineeships / Employment</p> <p>Select from General courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> ICT20115 Certificate II in Information, Digital Media and Technology <input type="checkbox"/> CISCO Networking Academy Discovery <input type="checkbox"/> Applied Information Technology <input type="checkbox"/> Mathematics Essential <input type="checkbox"/> Design – Graphics <input type="checkbox"/> Workplace Learning <input type="checkbox"/> Career and Enterprise <input type="checkbox"/> Cisco Networking Academy IT Essentials <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> BSB20115 Certificate II in Business OR <input type="checkbox"/> CUA20615 Certificate II in Music Industry <input type="checkbox"/> Visual Arts <input type="checkbox"/> Design – Photography <input type="checkbox"/> Business Management and Enterprise 	<p>University Entry</p> <p>Select from ATAR courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> Mathematics Methods OR <input type="checkbox"/> Mathematics Applications <input type="checkbox"/> Psychology <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Mathematics Methods <input type="checkbox"/> Mathematics Specialist <input type="checkbox"/> Career and Enterprise <input type="checkbox"/> Engineering Studies <p><i>You may also select one or two courses from the General list.</i></p>

Design/Marketing

Potential Career Opportunities	Recommended Courses	
<p>Advertising Fashion Design Marketing Media Graphic Design Publishing Architecture Leisure and Tourism</p>	<p>TAFE / Traineeships / Employment</p> <p>Select from General courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> CUA20715 Certificate II in Visual Arts (General) <input type="checkbox"/> Workplace Learning <input type="checkbox"/> Career and Enterprise <input type="checkbox"/> Design – Dimensional Design OR <input type="checkbox"/> Design – Graphics OR <input type="checkbox"/> Design – Photography <input type="checkbox"/> Materials Design and Technology – Textiles <input type="checkbox"/> Materials Design and Technology– Wood <input type="checkbox"/> Psychology <input type="checkbox"/> Visual Arts <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Mathematics Essential <input type="checkbox"/> Health Studies <input type="checkbox"/> Physical Education Studies <input type="checkbox"/> Applied Information Technology 	<p>University Entry</p> <p>Select from ATAR courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> Psychology <input type="checkbox"/> Mathematics Applications <input type="checkbox"/> Career and Enterprise <input type="checkbox"/> Modern History <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Mathematics Methods <input type="checkbox"/> Geography <input type="checkbox"/> Chemistry <p><i>You may also select one or two courses from the General list.</i></p>

Sport and Recreation

Potential Career Opportunities	Recommended Courses	
<p>Coaching</p> <p>Personal Trainer</p> <p>Sport Administration</p> <p>Sports Science</p> <p>Physiotherapist</p> <p>Occupational Therapist</p> <p>Sports Coach</p> <p>Tourism</p> <p>Sports Rehabilitation</p> <p>Education</p>	<p>TAFE / Traineeships / Employment</p> <p>Select from General and/or VET courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> SIS20115 Certificate II in Sport and Recreation OR <input type="checkbox"/> BSB20115 Certificate II in Business OR <input type="checkbox"/> BSB30115 Certificate III in Business <input type="checkbox"/> Human Biology <input type="checkbox"/> Workplace Learning <input type="checkbox"/> Health Studies <input type="checkbox"/> Physical Education Studies <input type="checkbox"/> Integrated Science <input type="checkbox"/> Mathematics Essential <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Career and Enterprise <input type="checkbox"/> Applied Information Technology <input type="checkbox"/> Visual Arts <input type="checkbox"/> Geography <input type="checkbox"/> Design – Photography <input type="checkbox"/> Design – Graphics <input type="checkbox"/> Business Management and Enterprise 	<p>University Entry</p> <p>Select from ATAR courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> Human Biology <input type="checkbox"/> Mathematics Applications <input type="checkbox"/> Chemistry <input type="checkbox"/> Psychology <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Physics <input type="checkbox"/> Career and Enterprise <input type="checkbox"/> Modern History <input type="checkbox"/> Geography <input type="checkbox"/> Mathematics Methods <input type="checkbox"/> Mathematics Specialist <p><i>You may also select one or two courses from the General list.</i></p>



Health

Potential Career Opportunities	Recommended Courses	
<p><i>Health Organisations</i></p> <ul style="list-style-type: none"> • Hospitals • Medical Centres • Ambulance Services <p><i>Allied Health</i></p> <ul style="list-style-type: none"> • Occupational Therapy • Physiotherapy • Pharmacy • Dietician • Psychology • Sports Rehabilitation 	<p>TAFE / Traineeships / Employment</p> <p>Select from General and/or VET courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> BSB20115 Certificate II in Business OR <input type="checkbox"/> BSB30115 Certificate III in Business OR <input type="checkbox"/> CUA20615 Certificate II in Music Industry <input type="checkbox"/> Mathematics Essential <input type="checkbox"/> Health Studies <input type="checkbox"/> Integrated Science <input type="checkbox"/> Human Biology <input type="checkbox"/> Psychology <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Visual Arts <input type="checkbox"/> Design – Graphics <input type="checkbox"/> Modern History <input type="checkbox"/> Applied Information Technology 	<p>University Entry</p> <p>Select from ATAR courses</p> <p>Core</p> <ul style="list-style-type: none"> <input type="checkbox"/> Psychology <input type="checkbox"/> Human Biology <input type="checkbox"/> Mathematics Applications <input type="checkbox"/> Chemistry <p>Options</p> <ul style="list-style-type: none"> <input type="checkbox"/> Physics <input type="checkbox"/> Modern History <input type="checkbox"/> Geography <input type="checkbox"/> Mathematics Methods <input type="checkbox"/> Mathematics Specialist <input type="checkbox"/> Career and Enterprise <p><i>You may also select one or two courses from the General list.</i></p>



Vocational Education and Training (VET) Certificate Descriptions 2020

About the VET Certificates

VET courses are offered as onsite options or offsite options.

Onsite options are included on your regular timetable and are taught at Sevenoaks by our qualified trainers and assessors.

Offsite options are at a TAFE college and require you to attend a RTO away from Sevenoaks one or two days a week. These options depend on availability of places and are not guaranteed.

When you select an offsite VET option, you are expected to use your free zones on your timetable to catch up on any work you have missed from your regular courses.

The qualifications gained through VET are recognised all around Australia, and courses are constantly reviewed to ensure they are still in line with industry needs.



BSB20115

Certificate II in Business

This qualification gives you basic office and administration skills that you would use in customer service and general office administration. Skills may include, but are not limited to, word processing, spread sheeting, electronic presentations, workplace communication and organisation, workplace health and safety, email and sustainability.

This qualification reflects the role of junior administrative positions who 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.

Pathways after completion may include the Certificate III in Business or a range of other Certificate III qualifications such as Certificate III in Business Administration.

Students enrolling in this certificate must read the RTO Enrolment Review Form for the Certificate II in Business on the College webpage: <http://sevenoaks.wa.edu.au/learning/vocational-education-training/vet-documents>

Completion of work placement in a business administration environment is strongly recommended.

BSB30115

Certificate III in Business

This qualification reflects the varied roles of individuals across different industry sectors such as legal administration, business administration, government service delivery, local government administration, customer service and human resource management.

Students in this qualification will apply a broad range of competencies using discretion, judgement and relevant theoretical knowledge, and may provide technical support and advice to a team.

Occupations may include word processing operator, information officer, data entry operator, customer service officer, payroll officer and clerical officer.

SIT20316

Certificate II in Hospitality

Love the buzz and vibe of hotels, bars and restaurants? Get your skills in shape for a career in this exciting area. Learn about the hospitality industry, safety and security in the workplace, food and beverage service, bar service, front office administration, housekeeping and more, and spend some time putting them to practice with a supervised work placement.

Successful completion of this qualification provides you with the skills to become a kitchen hand, cook's assistant, food and beverage attendant, barista and food and beverage attendant.

Completion of work placement in a hospitality environment is strongly recommended as part of this certificate.

Certificates delivered at Sevenoaks on behalf of other Registered Training Organisations

Students who are interested in studying a Certificate course at TAFE can contact Gary Hicklin on 9356 4900.

CUA20715

Certificate II in Visual Arts

This qualification is for people with an interest in the creative arts industry. You will acquire knowledge, and develop practical skills in studio areas such as Ceramics, Drawing, Painting and Print-making. You will also develop skills in developing your own work to fruition, whilst following occupational health and safety procedures.

Students will develop relevant technical, vocational and interpersonal competencies suitable for employment and further training.

SIS20115

Certificate II in Sport and Recreation

This qualification allows individuals to develop practical knowledge and skills for customer contact in the sport or community recreation industry. Students will develop practical skills and basic sport and recreation industry knowledge and become competent in a range of administrative activities and functions.

Activities will include working in sport, fitness and recreation environments, provision of first aid and assisting with activity sessions.

CUA20615

Certificate II in Music Industry

This qualification is recommended for students who have a passion for music and may wish to involve themselves in the music industry. By the end of this two year course you will learn to work in a team, perform music in a group, develop industry knowledge and operate recording and PA equipment using safe handling practices. You will also gain experience in music creation including song writing.

Students may enter the qualification with limited or no vocational experience and without a relevant lower level qualification.

After completing this course, you can pursue employment in the music industry or complete further industry-related study.

ICT20115

Certificate II in Information, Digital Media and Technology

This entry level qualification provides the foundation skills and knowledge to use information and communications technology (ICT) in any industry.

This qualification aims to provide an introduction to operating systems, hardware, application of software, networking and communication and problem-solving in the ICT environment.

Sevenoaks Offsite Certificates

VET

Sevenoaks Senior College works with TAFE to provide opportunities for students to combine their school courses and a TAFE qualification studied offsite.

Students select TAFE certificates from a range of options that changes every year.

Examples of these certificates include:

- ACM20117 Certificate II in Animal Studies
- CHC22015 Certificate II in Community Services
- UEE22011 Certificate II in Electrotechnology (Career Start Pre-Apprenticeship)
- CHC30213 Certificate III in Education Support
- AVI20116 Certificate III in Aviation (Flight Operations – Cargo Services)

TAFE courses are studied away from Sevenoaks Senior College grounds.

The options listed above are a guide only.

Please contact the VET Coordinator, Mr Gary Hicklin, for more information.



Year 11 Course Descriptions 2020

The following pages provide details about the content for each of the courses offered at Sevenoaks Senior College.

- ATAR courses – see pages 31 to 36
- General courses – see pages 37 to 47
- Foundation courses – see page 48

Fees for courses are published on the Course Selection Form which you will need to complete to indicate your course preferences.

About the Year 11 ATAR Courses

All ATAR courses are designed for students who wish to enter University in 2022.

These are the most difficult courses and students will sit compulsory school based exams in Semester One and Semester Two each year.

All of the ATAR courses prepare students for the external WACE examinations in November 2021. These examinations are compulsory for all Year 12 ATAR students.

If you are planning on entering University, you will select at least FIVE (5) ATAR courses from the offerings. ONE of these courses must be from the English offerings.

- Please note that selection of ATAR courses includes a commitment to study at least two hours per course per week (minimum of 10 hours per week) outside of class time.
- You will have four zones of class time scheduled for each class and you are expected to attend all classes and to be punctual. If you are absent, it is your responsibility to catch up on missed work.
- ATAR courses consist of two units, each of which runs for a semester. Limited opportunities to change courses in Semester Two may be available but you are strongly advised to choose carefully as changing courses may not be possible.
- To help you make the right choices, use the Course Selection and Career Charts on pages 21 to 25.
- Students may select ATAR courses if they have achieved a Category 3 in the Online Literacy and Numeracy Assessment (OLNA) in Year 10. If a student has not achieved a Category 3 in Year 10, they can still select an ATAR course but will need a recommendation from their English or Mathematics teacher.

English

ATAR

Every student enrolled in an ATAR course must select one English course.

It is highly recommended that students enrolling in ATAR English also enrol in General Literature.

Homework will be set regularly and regular revision is required.

English

The English course focuses on understanding meaning in a range of texts including multimedia and print texts. You will analyse and critique how texts present meaning for a particular audience and purpose. This course will focus on persuasive, imaginative and interpretive texts.

English involves extensive comprehending, responding and composing activities and written work is completed for every class. This written work includes note-taking, short answers and a wide range of imaginative and analytical writing.

Students who are enrolling in ATAR English would benefit from also enrolling in General Literature.



Year 11 Course Descriptions 2020

Work Related Studies

ATAR

All ATAR courses will have homework set regularly and require regular revision.

Career and Enterprise

Career and Enterprise is an excellent course for all students as it prepares you for securing and maintaining work. You will develop a range of skills including: self-management, using work search tools and techniques, developing career competencies and resolving conflict.

You will learn about the legal, ethical and financial considerations related to corporate and individual rights and responsibilities. Career portfolios will be developed that reflect organisation of detailed records of work, training and learning experiences, especially those related to securing and maintaining work.

This course will be of use to any student planning to attend University and who is interested in pursuing career goals.



All ATAR courses will have homework set regularly and require regular revision.

Modern History

The ATAR Modern History course provides you with the opportunity to explore the events, ideas and individuals that have shaped today's world.

In addition to the development of your historical knowledge, the study of Modern History will benefit your clear thinking and communication skills, with particular emphasis on acquiring and analysing information, problem-solving, and constructing an argument based upon reason and evidence. These skills are valued highly by both employers and tertiary institutions, across all industries and disciplines.

If you are interested in world events and the history of extremism and enjoy finding evidence, this is an excellent course for you.

Geography

In this course, you will learn about the effect natural and ecological hazards have on humans and the environment. In Unit 1, you will focus on hazards such as natural disasters (bushfires, cyclones, tornadoes, landslides etc.) and ecological hazards such as the spread of disease and animal or plant invasions.

In Unit 2, you will extend your geographical inquiry skills including mapping, GPS and fieldwork to develop an understanding of the processes of globalisation, and investigate these interactions at a local and global scale.

Students with an interest in the relationship between humans, animals and the land will enjoy this course.



Year 11 Course Descriptions 2020

Mathematics

ATAR

All ATAR courses will have homework set regularly and require regular revision.

Required equipment: Students will need to purchase a CAS calculator.

Mathematics Specialist

This is the hardest level of Mathematics available. Unit 1 of the Mathematics Specialist ATAR course contains three topics: Combinatorics, Vectors in the Plane, and Geometry that complement the content of the Mathematical Methods ATAR course. Therefore, if you select this course you must also enrol in Mathematics Methods.

Unit 2 of the Mathematics Specialist ATAR course contains three topics: Trigonometry, Matrices, and Real and Complex Numbers.

Students must have successfully completed the 10A course.

This course is designed for students who wish to study any University program requiring the highest level of Mathematics.

There is a 10% bonus to your scaled ATAR score when you complete Year 12 if you successfully complete this course.

Mathematics Methods

This Mathematics course can be studied on its own or in conjunction with Mathematics Specialist. Unit 1 contains the three topics: Functions and Graphs, Trigonometric Functions, and Counting and Probability.

Unit 2 contains a further three topics: Exponential Functions, Arithmetic and Geometric Sequences and Series, as well as an Introduction to Differential Calculus.

Students should have successfully completed the 10A course.

This course is designed for students who wish to study any University program requiring the highest level of Mathematics.

There is a 10% bonus to your final scaled ATAR score when you complete Year 12 if you successfully complete this course.

Mathematics Applications

This course is designed to meet the needs of most students wishing to achieve University Entry.

It is highly recommended that students have achieved OLNA Category 3 for Numeracy in Year 10 or a Level 8 in NAPLAN Numeracy.

Unit 1 has three topics: Consumer Arithmetic, Algebra and Matrices, and Shape and Measurement. It builds on the curriculum of study from Years 9 and 10.

Unit 2 has three topics: Univariate Data Analysis and the Statistical Process, Linear Equations and their Graphs, and Applications of Trigonometry.

Students who require Mathematics for University courses and those who enjoy and were successful in Year 10 Mathematics should select this course.

All ATAR courses will have homework set regularly and require regular revision.

Chemistry

In Unit 1 you will study chemical fundamentals: structure, properties and reactions. You will relate matter and energy in chemical reactions and may use materials that you encounter in your life to investigate the relationships between structure and properties.

The topics for Unit 2 are molecular interactions and reactions. In Semester Two, you will develop your understanding of the physical and chemical properties of materials including gases, water and aqueous solutions, acids and bases.

A key component of the Chemistry course is exploration of how scientific knowledge is used to offer reliable explanations and predictions, and the ways in which it interacts with social, economic and ethical factors. In addition, you will use science inquiry skills to develop your understanding of patterns in the properties and composition of materials.

If you have an interest in Chemistry and/or wish to enter any University course that requires an understanding of the properties and structure of substances, this is the ideal course for you. You will need at least a B grade in Year 10 Mathematics and Science and have enrolled in Mathematics Applications or Mathematics Methods to be successful in this course.

Engineering Studies

The Engineering Studies ATAR course provides opportunities for students to investigate, research and present information through a design process, and then undertake project management to make a functioning product.

The Engineering Studies ATAR course is essentially a practical course focusing on real-life contexts.

In Unit 1 students apply their knowledge of the engineering design process and theory to develop and respond to a design brief. Design ideas are developed through annotated sketches and concept drawings. Students conceptualise a prototype or working model, developing a timeline to undertake tasks required to produce, test and evaluate the product.

Unit 2 develops students' understanding of core and specialist area theory to better understand the scientific, mathematical and technical concepts that explain how engineered products function. You will study the impact of the different forms of obsolescence in engineering products on society, business and the environment.

You will undertake tasks to produce, test and evaluate the product. Core and specialist area theory continues to be studied to forge greater understanding of the scientific, mathematical and technical concepts that explain how engineered products function.

Students with an interest in design of engineered products (such as drones and solar cars) and who are interested in University entry should select this course.

Year 11 Course Descriptions 2020

Science

ATAR

All ATAR courses will have homework set regularly and require regular revision.

Human Biology

Human Biology is the study of the human body. This course has been one of the most popular courses studied in Western Australia due to its broad interest and value. Unit 1 is focused on the functioning human body. You will analyse how the structure and function of body systems and their interrelationships support metabolism and body functioning.

In Unit 2 you will focus on reproduction and inheritance and study the reproductive systems of males and females, the mechanisms of transmission of genetic material from generation to generation, and the effects of the environment on gene expression.

Any student interested in health or the health professions will enjoy this course.

Physics

Unit 1 Physics is the study of thermal, nuclear and electrical physics. It will answer important questions such as “why thermal underwear will help you survive in Antarctica”.

You will investigate energy production by considering heating processes, radioactivity and nuclear reactions, and investigate energy transfer and transformation in electrical circuits.

In Unit 2 you will study linear motion and waves. You will explain and predict linear motion, and investigate the application of wave models to sound phenomena.

This course has a high level of Mathematics content. It is ideally suited to those students who achieved an A grade in Year 10.

You are strongly advised to also be enrolled in Mathematics Methods.

Psychology

Psychology is the scientific study of how we think, feel and behave. An understanding of how our brain works and how we think, feel and act is useful for any student interested in health-related professions or other careers working with people.

You will learn about the structure and function of parts of the brain, how it is affected by drugs and exercise as well learning about intelligence, relationships, effective communication, human development, personality and social behaviour.

Psychology students will also develop their understanding of research methods and the presentation of findings.

Students interested in understanding the science of why people think and behave the way they do should select this course.

About the Year 11 General Courses

If you are planning to go to a TAFE college or to enter the workplace at the end of 2020, then you will select courses from the General pathway.

- **You must select SIX courses from the General and Certificate list. Some students may also select Foundation courses.**
- **ONE of your courses must be ENGLISH or LITERATURE, and one must be a List B course.** The List B courses available in our General program are identified in the following information.
- Each course includes Unit 1 (Semester 1) and Unit 2 (Semester 2). When you enrol, you will stay in that course for the full year to complete both units.
- Limited opportunities to change courses may be available in Semester 2. You are strongly advised to select carefully as there is no guarantee that any changes will be possible after the start of the school year.



Year 11 Course Descriptions 2020

English

General

English

The English course focuses on developing your ability to understand everyday and workplace texts. Multimedia and other digital texts are a focus in this course where you will develop your communication skills.

Activities involving reading (visual and written), writing and listening skills as well as those where you will need to demonstrate oral communication skills are a feature of this course.

The course is designed to be relevant and interesting for you with the emphasis on preparing you for life beyond school. Functional literacy is a key component of this course.

Literature

In the Literature course, you will look at the different ways we can read and interpret short stories, novels, poems, multimodal texts and plays. You will also create your own texts including short stories, plays, multimodal texts, poems and plays.

You will learn how the way you read a text is influenced by your culture, group in society and the history surrounding you. You will also examine how your own attitudes and values and the way literary texts are written can result in different interpretations of the same text. The focus is on reading and writing for enjoyment.

This course is designed for students who enjoy reading and/or creating novels, short stories plays and poetry. As well as choosing this course if you are selecting the General program, studying Literature in Year 11 is an ideal partner for ATAR English.



Career and Enterprise

In this course you develop your knowledge of work and career choices and learn to identify people and organisations that can help with your school-to-work transition.

In Unit 1 you will learn about different types of work such as part-time, full-time, flexi hours, volunteer work and unemployment. You will learn the roles of positive self-esteem and self-management in getting and maintaining work and a career.

As you work through this course, you will learn how to make use of a range of resources to help you be successful in the workplace. In Unit 2, the focus is on entry-level work readiness. You will explore the attributes and skills necessary for employment, and identify your personal strengths and interests and the impact these have on career development opportunities and decisions.

Any student who wishes to prepare for work and a future career will benefit from this course.

Business Management and Enterprise

This course focuses on establishing and operating a small business in Australia and aims to provide students with an understanding of the knowledge and skills of the processes and procedures required for generating business ideas and turning them into a viable business venture. Factors that impact on business innovation and success, business planning, and legal aspects of running a small business are examined. Students engage in the running of a small business, or participate in business simulations, to develop practical business skills and to develop financial and business literacy. Through the consideration of real businesses and scenarios, students develop knowledge, understanding and skills that enable them to analyse business opportunities, develop proposals and make sound, ethical business decisions. The course equips students to participate proactively in the world of business, behave responsibly and demonstrate integrity in business activities.

Students who wish to prepare for a future in any business, e.g. retail, hospitality, trades, sport and recreation would enjoy this course.

Workplace Learning

(Endorsed Program)

Workplace Learning is classified as an Endorsed Program. It counts towards the completion of your WACE as a unit equivalent.

This unit runs for the whole year and you will be required to attend an induction seminar during school time before you will be able to confirm your enrolment. A workplace learning interview forms part of the induction process and is conducted during the school day during a zone where you have no scheduled class.

In order to complete this program, you will do a minimum of 55 hours in the workplace per placement. Students complete at least two placements per year. Work placements occur once a week. You will be required to find your own way to the workplace and to work according to the hours of work at your placement.

During work placements, you will need to make sure that you complete the set work in your courses at school.

Students who plan to continue with Workplace Learning into Year 12 also complete two weeks in the workplace in weeks 7 and 8 of Term 4*.

All students that enjoy a practical unit of work and who would like the opportunity to explore a work area of interest are encouraged to enrol in this course.

**These dates may alter slightly. Students will be advised of final dates in 2020.*

Year 11 Course Descriptions 2020

Arts and Humanities

General

Modern History

The Year 11 Modern History General course takes you on a journey into the past where you will explore the significant people, ideas and events that have helped shape the world as we know it today.

In addition to the development of your historical knowledge, the study of Modern History will benefit your clear thinking and communication skills. You will learn to locate and analyse information; to question what you see, hear and read; and to recognise different points of view. These skills are highly valued both in the workplace and by tertiary institutions.

Unit 1 of Modern History General course is called People, Place and Time. In this unit, you will explore some of the most remarkable individuals in world history. You will explore the societies in which they lived, the challenges which they faced and the actions and events for which they are famous.

In Semester 2, you will examine the ideas of Power and Authority and the ways that power and authority have been exercised in different societies. You will study the reasons why people seek to gain power, the ways they use this power and the effects on those they seek to control.

If you are interested in learning how people gain and use power this is the ideal course for you.

Geography

Geography is the study of places, peoples, culture and environments.

Unit 1 focuses on the Geography of environments at risk. You will look at how to protect these environments and the conflicting views about the best ways to do this. Sustainable solutions to protect environments need to be developed and will build your knowledge and understandings of these solutions.

In Unit 2, the focus is on people and places. You will focus on a region and explore how the natural environment and cultures have impacted on that region and what the future may bring.

If you enjoy learning about the land, people, culture and the natural environment you should enrol in Geography.

Visual Arts

Visual Arts starts with a focus on experiences in Unit 1. You will develop artworks based on your life and personal experiences, observations of the immediate environment, events and/or special occasions. As part of the course, you will participate in selected art experiences aimed at developing your sense of observation.

In Unit 2 the focus is on ways to generate and develop ideas using a variety materials and explorations from your local environment. When exploring ideas and approaches to art making, you will investigate the work of other artists.

Throughout the year, the Visual Arts course will encourage you to develop your own imaginative works and to produce original artworks. A requirement of this course is the purchase of an arts package. Details of purchase are available from the College booklist.

Health Studies

Health Studies focuses on what it means to be healthy and to understand how health is managed in our society. This is a theory-based course.

Unit 1 provides a general introduction to personal health and wellbeing and what it means to be healthy. You will explore what affects health in positive and negative ways, and devise action plans which focus on achieving identified goals designed to improve health.

Key consumer health skills and concepts are introduced, including the role and features of components of the Australian healthcare system.

In Unit 2, you will extend your understanding of health influence with the focus on prevention. Self-management and cooperative skills essential to improve personal communication are examined in this unit.

Students with an interest in health and wellbeing should choose this course.

Physical Education Studies

Physical Education Studies has equal focus on practical and theoretical performance. In this course you will try a range of sports that may include golf, hockey and badminton. You will need to be prepared to participate actively in the sports as well as to complete the classroom work.

The focus of Unit 1 is the development of your knowledge, understanding and application of anatomical, physiological and practical factors associated with performing in physical activities.

In Unit 2, you will examine the impact of physical activity on the body and be introduced to concepts which will support you to improve your performance as a team member and/or individual.

Students who wish to participate actively in sports as well as learn the theory of performance should enrol in this course.

Specialist Soccer

Specialist Soccer is a Physical Education Studies course and has equal focus on practical and theoretical performance in the sport of soccer. In this course you need to be prepared to participate actively in training and games as well as to complete the classroom work.

The focus of Unit 1 is the development of your knowledge, understanding and application of anatomical, physiological and practical factors associated with performing in physical activities.

In Unit 2, you will examine the impact of physical activity on the body and be introduced to concepts which will support you to improve your performance as a team member and/or individual.

Every element of this course is focused on soccer. You can be a beginner or an experienced player but must have a keen interest in soccer.

Year 11 Course Descriptions 2020

Mathematics

General

If you have received an A or B in Year 10 Mathematics and enjoy Maths, you should consider selecting Mathematics Applications from the ATAR options.

Mathematics Essential

Mathematics Essential focuses on using mathematics effectively, efficiently and critically to make informed decisions. This course is designed for students who have achieved ONLA Category 2 in Numeracy in Year 10.

This course provides you with the mathematical knowledge, skills and understanding to solve problems in real contexts for a range of workplace, personal, further learning and community settings. It builds on the mathematical knowledge gained in Years 7 and 8.

This course provides the opportunity for you to prepare for the post-school options of employment and further training.

Most students aiming for the workplace or further training after completing school should enrol in this course.



Integrated Science

Integrated science gives students the chance to develop their understanding of science that applies to everyday life. You will be involved in a range of hands-on activities, experiments and investigations. The science of the natural world, human body, chemistry, cars and crashes and designing experiments are explored in interesting and hands-on ways.

Unit 1 has a focus on designing experiments, the human body and learning about the natural world. Unit 2 has a focus on chemistry and cars and crashes.

Any student who has an interest in science and how it applies to everyday life will be suited to this course.

Human Biology

Human Biology is the study of the human body.

In Unit 1 you will study how the body works: the structure of the body, starting with the cells, and how the internal and external environments supply nutrients and remove wastes through the functioning of the respiratory, circulatory, digestive and urinary systems. The lifestyle choices we make can have consequences for the maximum functioning of these systems, and humans can treat and influence the quality of life of the individual.

In Unit 2 you will explore the roles that males and females have in reproduction, including contraception and the issues of sexually transmitted infections. You will learn about the reproductive systems of males and females and how they are specialised in many different ways. You will study how the healthy development of the embryo and foetus can be monitored and the use of technologies that are used to ensure a health pregnancy.

Students interested in health and the way the body works should select this course.



Year 11 Course Descriptions 2020

Science

General

Engineering Studies

The Engineering Studies course is a practical course focusing on real life contexts. It provides opportunities for students to investigate, research and present information through a design process, and then undertake project management to make a functioning product such as drones or solar cars.

In Unit 1 students apply their knowledge of the engineering design process and theory to develop and respond to a design brief. Students conceptualise a prototype or working model, developing a timeline to undertake tasks required to produce, test and evaluate the product.

Unit 2 develops students' understanding of core and specialist area theory to better understand the scientific, mathematical and technical concepts that explain how engineered products function. You will study the impact of the different forms of obsolescence in engineering products on society, business and the environment.

Students who enjoy practical design and creating real products will enjoy this course.

Psychology

Psychology is the scientific study of how we think, feel and act. In the Psychology General course students will be introduced to an understanding of how social groups influence individual behaviour. Students learn about well-known psychological models and theories, and the methods used to conduct scientific investigations.

You will study personality, how people think and learn, effective communication and the way the brain works. You will also learn how humans develop from birth to old age. An understanding of psychology is valuable for your relationships, study and work.

Psychology is a course that helps us understand why people behave the way they do. You should choose this course if you want to work or study in areas where understanding people is involved.



There are three options for students interested in studying Design.

Students may only select one of these courses.

Design – Dimensional Design

In this course, you will complete a series of small design tasks exploring the elements and principles of design resulting in 3D jewellery pieces from found and recycled materials. You will also focus on design and production based in ceramics and glass. Other materials such as wood may also form part of this program.

Design Fundamentals introduces you to the design processes and practices used to create three-dimensional products. In Semester Two, you will examine Personal Design to communicate your personality, values and beliefs in a three-dimensional form.

Students with an interest in three-dimensional designs, especially the creation of jewellery, glass or ceramics, will enjoy this course.

Design – Graphics

Design Fundamentals are studied in Semester One. This introduces you to the design process and practice used in graphic design. You will learn that design can be used to provide solutions to design problems and to meet communication needs. You will learn basic design skills and a range of digital media skills to create a specific product.

In Semester Two, the focus on Personal Design shows how you can communicate your personality, values and beliefs in your designs. You will complete a graphic design project communicating something of yourself.

Any student with an interest in graphic design and ways we can use digital technology in our lives will benefit from this course.

Design – Photography

Design Fundamentals introduces you to the design process and practice used in photography. You will learn that design can be used to provide solutions to design problems and to meet communication needs. You will learn basic design skills and a range of photographic techniques to create a specific product.

Personal Design shows how you can communicate your personality, values and beliefs in your photographic works. You will complete a project communicating something of yourself.

Any student with an interest in photography and ways we can use visual images in our lives will benefit from this course.

Year 11 Course Descriptions 2020

Technologies

General

Materials Design and Technology – Wood

This course is a practical course where students work in the medium of wood with the design and manufacture of products as the major focus. You will have the opportunity to develop and practise skills that contribute to creating a physical product out of wood, while acquiring an appreciation of the application of a design process and an understanding of the need for materials sustainability.

You will learn and practise manufacturing processes and technologies using wood, including principles of design, planning and management.

Students with an interest in carpentry, practical uses for wood products or the artistic possibilities offered by wood will enjoy this course.

Materials Design and Technology – Textiles

This course is a practical course where students work in the medium of textiles with the design and manufacture of products as the major focus. You will have the opportunity to develop and practise skills that contribute to creating a physical product out of textiles, while acquiring an appreciation of the application of a design process and an understanding of the need for materials sustainability.

You will learn and practise textile manufacturing processes and technologies, including principles of design, planning and management.

If you are interested in fashion design or other uses of textiles, this course is ideal for you.

Applied Information Technology

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.

You will develop an understanding of computer systems; the management of data; and the use of a variety of software applications to investigate, design, construct and evaluate digital products and digital solutions.

This course offers pathways to further studies and a range of technology-based careers and provides a set of skills that will equip you for the 21st century and give you an appreciation of the impact of information technology on society.

Endorsed Programs provide you with two unit equivalents towards your WACE.

Cisco Networking Academy IT Essentials

IT Essentials is classified as an Endorsed Program. It counts towards completion of your WACE as a unit equivalent.

The IT Essentials curriculum provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level ICT professionals. The curriculum covers the fundamentals of computer hardware and software as well as advanced concepts such as security, networking, and the responsibilities of an ICT professional.

The curriculum includes:

- Development of a working knowledge of how computers operate, how to assemble computers, and how to troubleshoot hardware and software issues.
- Hands-on labs and virtual learning tools help students develop critical thinking and complex problem-solving skills.
- The course emphasizes the practical application of skills and procedures needed to install and upgrade hardware and software and troubleshoot systems.
- Cisco Packet Tracer simulation-based learning activities allow students to experiment with network designs and configurations.
- Interactive assessments provide immediate feedback to support the evaluation of acquired knowledge and skills.

The IT Essentials (ITE) curriculum emphasises practical experience to help students develop fundamental computer and career skills. ITE helps students prepare for entry-level career opportunities in ICT.

Cisco Networking Academy Discovery 1

The Cisco CCNA Discovery curriculum helps students prepare for entry-level career opportunities, continuing education, and globally recognized Cisco certifications. CCNA Discovery teaches networking concepts within the context of environments ranging from small office and home office (SOHO) networks to more complex enterprise and theoretical networking models.

CCNA Discovery includes the following features:

- Courses emphasise critical thinking, problem solving, collaboration, and the practical application of skills.
- Rich multimedia content includes Flash-based interactive activities, videos, games, and quizzes to address a variety of learning styles, help stimulate learning, and increase knowledge retention.
- Cisco Packet Tracer simulation-based learning activities promote the exploration of networking concepts and allow students to experiment with network behaviour.
- Hands-on labs help students develop critical thinking and complex problem solving skills.
- Built-in assessments provide immediate feedback to support the evaluation of acquired knowledge and skills.
- Case studies provide networking career scenarios to help students practice analysing business objectives, planning project timelines and resources, and delivering customer presentations.
- Courses are written for learners at all levels and embedded interactive activities help reinforce concepts.

Students with an interest in networking will gain a globally recognised certificate in this Endorsed Program.

Year 11 Course Descriptions 2020

About the Year 11 Foundation Courses

Only students who have achieved a Category 1 or 2 on the Online Literacy and Numeracy Assessment (OLNA) can enrol in Foundation courses.

These courses are designed to lead you into the General program if you achieve the standard set for OLNA in March or September 2020.

Students that have recently arrived in Australia or are new to Western Australia will need to sit the OLNA in March 2020 but should select General courses to start with.

English Foundation

The English Foundation course aims to develop students' skills in reading, writing, viewing, speaking and listening in work, learning, community and everyday personal contexts. Such development involves an improvement in English literacy where literacy is defined broadly to include reading ability, verbal or spoken literacy, the literacy involved in writing, and visual literacy. Students undertaking this course will develop skills in the use of functional language conventions, including spelling, punctuation and grammar.

Students with a Category 1 or 2 in Reading and/or Writing in Year 10 can enrol in this course.

Mathematics Foundation

Mathematics Foundation course focuses on building the capacity, confidence and disposition to use mathematics to meet the numeracy standard for the WACE. It provides students with the knowledge, skills and understanding to solve problems across a range of contexts, including personal, community and workplace/employment.

This course provides the opportunity for students to prepare for post-school options of employment and further training.

Students who have achieved a Category 1 in the OLNA Numeracy test for Year 10 should enrol in this course.

Year 12 Course Descriptions 2020

The following pages provide details about the content for each of the courses offered at Sevenoaks Senior College.

- ATAR courses – see pages 49 to 53
- General courses – see pages 54 to 65
- Foundation courses – see page 66

Fees for courses are published on the Course Selection Form which you will need to complete to indicate your course preferences.

All Year 12 ATAR courses have compulsory WACE exams in November 2020. You must sit the exam or your course cannot be counted towards your WACE.

About the Year 12 ATAR Courses

Most ATAR courses require you to have achieved a C grade or better in Year 11.

You should aim to choose the same courses in Year 12 as those you completed in Year 11 Semester Two.

English

ATAR

English

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

Unit 3 explores representations through a comparison of texts. You will explore, analyse and compare the relationships between language, genre and contexts.

Unit 4 examines different interpretations and perspectives about values and attitudes in texts. You will create imaginative, interpretive, persuasive and analytical responses.

English as an Additional Language or Dialect

There is an application process for this course. If you have not received notification from the School Curriculum and Standards Authority, you will need to speak to your EALD teacher immediately.

Unit 3 focuses on analysing how language choices are used to achieve different purposes and effects in a range of contexts. Standard Australian English language skills are developed further. The representation of ideas, attitudes and values, particularly in the Australian context, is analysed and evaluated.

Unit 4 focuses on analysing, evaluating and using language to represent and respond to issues, ideas and attitudes in a range of contexts. Extended oral, written and multimodal texts and presentations are created, adapted and refined for a variety of contexts, purposes and audiences.

Year 12 Course Descriptions 2020

Humanities and Social Sciences

ATAR

Career and Enterprise

The Career and Enterprise course aims to provide you with the knowledge, skills and understanding to enable you to be enterprising and to proactively manage your own career.

The course reflects the importance of career development knowledge, understanding and skills in finding employment and keeping it. It provides opportunities for you to develop insights into the relationships between work, culture and the values of our own and other societies.

You will learn that workplaces have different structures which impact on how they operate.

Geography

In the Year 12 ATAR Geography course students study the principal geographic concepts of space, place, interconnections, change, environment and scale. These concepts are applied to land cover transformation and the challenges affecting the sustainability of places.

Unit 3, Global Environmental Change, focuses on land cover transformation and the resulting impacts on global climate and biodiversity. Aspects of physical, environmental and human geography will provide you with an integrated and comprehensive understanding of the processes related to land cover change, their local regional and global environmental consequences, and possible sustainable solutions.

Unit 4, Planning Sustainable Places, addresses the challenges that exist in designing urban places to render them more productive, vibrant and sustainable. You will examine how governments, planners, communities, interest groups and individuals attempt to address these challenges in order to ensure that places are sustainable. You will use and apply geographical tools, such as spatial technologies and skills, to investigate the sustainability of places.

Modern History

The Year 12 ATAR Modern History course builds upon both the historical knowledge and the historical thinking skills developed in Year 11.

The first unit in Year 12 is called Modern Nations in the 20th Century. Here you will explore the events, ideas and individuals who combined to transform Russia from a traditional, agricultural society into a global super power. You will study the social, political and cultural ideologies that have shaped this change and the impact of these changes both within the nation and in its relationship with other nations.

The final unit for Year 12 Modern History focuses on The Modern World since 1945. This unit brings together the important knowledge and concepts of the three preceding units and encourages you to make clear connections between what is happening in the international community today, and the events that followed World War Two. This unit will help you understand why the world is as it is now and the challenges we face in the future.

Mathematics Specialist

The Mathematics Specialist course is the hardest mathematics course and provides a very strong foundation for the many students who will continue their study of mathematics and science beyond the compulsory years of schooling.

It has an emphasis on mathematical reasoning, modelling, recursion and the use of technology, in keeping with recent trends in mathematics education and in response to the growing impact of computers and the internet. You will engage in posing and solving problems within mathematics itself and thus appreciate mathematics as a creative endeavour.

This course is for university entry to specialist courses such as engineering, physical sciences, medicine, architecture and mathematics. This course is very rigorous and is only for the strongest maths students who are highly motivated in maths and who have successfully completed the Year 11 Mathematics Specialist course.

Students must be also studying Mathematics Methods Year 12.

Mathematics Methods

The Mathematics Methods course can be studied by itself or in conjunction with the Mathematics Specialist course.

It offers you the opportunity to advance your mathematical skills, to build and use mathematical models, to solve problems, to learn how to conjecture and to reason logically and to gain an appreciation of the elegance, beauty and creative nature of mathematics. It will look at topics such as exponential functions, arithmetic, trigonometric and geometric sequences and differential calculus. This course is for students who plan to continue with the study of mathematics at university in mathematics, science or engineering. This course will provide a serious background in mathematics suitable for further study.

Students must have achieved success in the Year 11 course.

Mathematics Applications

The Mathematics Applications course is suited to most students who enjoy mathematics and wish to achieve university entrance.

It offers you the opportunity to advance your mathematical skills, to build and use mathematical models, to solve problems, to learn how to conjecture and to reason logically, and to gain an appreciation of the elegance, beauty and creative nature of mathematics.

You will use numbers and symbols to represent many situations in the world around you. You will examine such topics as mathematical methods associated with number, algebra and matrices, shape and measurement, data analysis and statistics and applications of trigonometry. This course will give students many practical life skills with topics on finance suited to everyday life.

Students must have successfully completed the Year 11 course.

Year 12 Course Descriptions 2020

Science

ATAR

Chemistry

Chemistry units 3 and 4 build on the concepts you have studied in Year 11.

In Unit 3, students will investigate acid-base equilibrium systems and their applications. You will use contemporary models to explain the nature of acids and bases and their properties and uses. This understanding enables further exploration of the varying strengths of acids and bases. You will investigate the principles of oxidation and reduction reactions and the production of electricity from electrochemical cells.

Unit 4 focuses on organic chemistry and the processes of chemical synthesis by which useful substances are produced for the benefit of society. You will investigate the relationship between the structure, properties and chemical reactions of different organic functional groups and the vast diversity of organic compounds. You will also develop your understanding of the process of chemical synthesis to form useful substances and products and the need to consider a range of factors in the design of these processes.

Physics

Students who have been successful in Physics and Mathematics Methods during Year 11 should select this course.

Unit 3 is called Gravity and Electromagnetism. Field theories have enabled physicists to explain a vast array of natural phenomena and have contributed to the development of technologies that have changed the world, including electrical power generation and distribution systems, artificial satellites and modern communication systems.

In this unit, you will develop a deeper understanding of motion and its causes by using Newton's Laws of Motion and the gravitational field model to analyse motion on inclined planes, the motion of projectiles, and satellite motion. You will investigate electromagnetic interactions and apply this knowledge to understand the operation of direct current motors, direct current and alternating current generators, transformers, and AC power distribution systems. You will also investigate the production of electromagnetic waves.

You will develop your understanding of field theories of gravity and electromagnetism through investigations of motion and electromagnetic phenomena.

Unit 4 is called Revolutions in Modern Physics. The development of quantum theory and the theory of relativity fundamentally changed our understanding of how nature operates and led to the development of a wide range of new technologies, including technologies that revolutionised the storage, processing and communication of information.

In this unit, you will examine observations of relative motion, light and matter that could not be explained by existing theories, and investigate how the shortcomings of existing theories led to the development of the special theory of relativity and the quantum theory of light and matter.

Human Biology

This course extends your understanding of the human body and its evolution.

Unit 3, Homeostasis and Disease, explores the nervous and endocrine systems and the mechanisms that help maintain the systems of the body to function within normal range, and the body's immune responses to invading pathogens. You will study feedback systems involving the autonomic nervous system, the endocrine system and behavioural mechanisms that maintain the internal environment for body temperature, body fluid composition, blood sugar and gas concentrations within tolerance limits.

Unit 4, Human Variation and Evolution, explores the variations in humans in their changing environment and evolutionary trends in hominids. You will study how humans show variations in characteristics due to the effect of polygenes or gene expression. You will also look at gene pools, evolutionary mechanisms, including natural selection, migration and chance occurrences. You will explore the evidence for these changes such as fossils and comparative anatomy and biochemical studies.

Psychology

Psychology is the scientific study of how we think, feel and act. This course focuses on understanding how and why people behave the way they do.

You will explore the structure and function of the brain, memory, learning, relationships, human development, communities and behaviour groups. There is a practical component in which you will carry out experiments and learn about the principles of ethical research.

An understanding of Psychology has important applications in any career or tertiary course where health or working with others is involved.



Year 12 Course Descriptions 2020

About the Year 12 General Courses

For all GENERAL courses, an Externally Set Task, worth 15% of the final mark, is compulsory in Term 2 of Year 12.

Wherever possible, you should aim to select the same courses as you completed in Year 11.

English

General

All students must select one English course in 2020.

English

The English course examines the ways that perspectives are presented in literary, everyday and workplace texts.

Unit 3 explores different viewpoints presented in a range of texts and contexts.

Unit 4 focuses on community, local or global issues and ideas presented in texts and develop reasoned responses to them. You will create oral, written and multimodal texts that communicate ideas and perspectives on issues and events.

Literature

If you enjoy narrative and creative writing, songs, poetry and plays, this course is ideal for you.

This course focuses on fiction.

English as an Additional Language or Dialect

There are special requirements for enrolment in this course. You will need to complete a detailed application. Please discuss this with your teacher.

Unit 3 focuses on investigating how language and culture are interrelated and expressed in a range of contexts. A variety of oral, written and multimodal texts are used to develop understanding of text structures and language features.

Unit 4 focuses on analysing and evaluating perspectives and attitudes presented in texts and creating extended texts for a range of contexts. Standard Australian English language skills for effective communication in an expanding range of contexts are consolidated.



Career and Enterprise

Career education provides opportunities for students to learn to manage and take responsibility for personal career development before even leaving school.

The Career and Enterprise course will equip you with the tools to head confidently into your future in the workplace. You will begin by recognising your own individual skills and talents and move on to learning how to find suitable work and keep it. All aspects of work and workplaces will be explored from entry level to working globally.

Business Management and Enterprise

Students who wish to prepare for a future in any business, e.g. retail, hospitality, trades, sport and recreation would enjoy this course.

This course focuses on establishing and operating a small business in Australia and aims to provide students with an understanding of the knowledge and skills of the processes and procedures required for generating business ideas and turning them into a viable business venture. Factors that impact on business innovation and success, business planning, and legal aspects of running a small business are examined. Students engage in the running of a small business, or participate in business simulations, to develop practical business skills and to develop financial and business literacy. Through the consideration of real businesses and scenarios, students develop knowledge, understanding and skills that enable them to analyse business opportunities, develop proposals and make sound, ethical business decisions. The course equips students to participate proactively in the world of business, behave responsibly and demonstrate integrity in business activities.

Workplace Learning

(Endorsed Program)

Workplace Learning is classified as an Endorsed Program. It counts towards the completion of your WACE as a unit equivalent.

All students that enjoy a practical unit of work and who would like the opportunity to explore a work area of interest are encouraged to enrol in this course.

This unit runs for the whole year and you will be required to attend an induction seminar during school time before you will be able to confirm your enrolment. A workplace learning interview forms part of the induction process and is conducted during the school day during a zone where you have no scheduled class.

In order to complete this program, you will do a minimum of 55 hours in the workplace per placement. Students complete at least two placements per year. Work placements occur once a week. You will be required to find your own way to the workplace and to work according to the hours of work at your placement.

During work placements, you will need to make sure that you complete the set work in your courses at school.

Students who plan to continue with Workplace Learning into Year 12 also complete two weeks in the workplace in weeks 7 and 8 of Term 4*.

**These dates may alter slightly. Students will be advised of final dates in 2020.*

Year 12 Course Descriptions 2020

Arts

General

Visual Arts

Students who enjoy art making and art interpretation are suited to this course.

The focus for Unit 3 is inspirations. You will become aware that artists gain inspiration and generate ideas from diverse sources, including what is experienced, learned about, believed in, valued, imagined or invented. A knowledge and understanding of visual language in both art making and art interpretation is developed.

You will, through research and/or first-hand experience of artworks and art making, actively engage in perception, research, reflection and response and consider the ways in which artists, past and present, have been inspired to develop artworks. You will be given opportunities to present or exhibit your work, to describe your source(s) of inspiration and to evaluate the process and success of your finished artworks.

A requirement of this course is the purchase of an arts package. Details of purchase are available from the College booklist.



Health Studies

This course builds on your knowledge about both community and personal health.

Unit 3 focuses on building students' knowledge and understandings of the way health contributes to personal and community health. You will add to your understandings of health promotion and beliefs about health behaviour. You will develop personal and interpersonal skills which support health. Inquiry skills are consolidated and applied, including the ability to identify trends and patterns in data.

Unit 4 focuses on the impact of health on personal and community health. The concept of community development and the importance of participation and empowerment is introduced. You will learn preventive strategies to reduce risk and contribute to better health. The use of social marketing in health is explored and you will be introduced to emotional intelligence as a mechanism for perceiving, controlling and evaluating emotions.

Physical Education Studies – General

Physical Education Studies contributes to the development of students' physical, social and emotional growth.

You will learn about physiological, psychological and bio-mechanical principles, and apply these to analyse and improve personal and group performances in physical activities. Activities will include integrated written, oral and active learning experiences. The course will also provide opportunities to develop skills that will enable you to pursue personal interests and potential in physical activity as athletes, coaches, officials, administrators and/or volunteers.

Physical Education Studies – Soccer

This is a physical education course with an equal emphasis on practice and theory related to soccer.

You will need to participate actively in training and competing in matches as well as completing written work. The course will increase understanding of anatomical, physiological and practical factors associated with performance in sport and ways to improve performance as an individual player and a team member. It will look at the impact of physical activity on the body. All aspects are directly related to the game of soccer.



Year 12 Course Descriptions 2020

Humanities and Social Sciences

General

Geography

Geography builds on your understanding of how humans interact with their environments.

Unit 3 focuses on the increasing global incidence of natural and ecological hazards. The unit investigates the global distribution of hazards, and it explores strategies to minimise the risks and proposes solutions. This unit will be studied using recent and relevant global examples. It will look at a natural hazard and an ecological hazard.

Unit 4 focuses on globalisation and is based on the reality that we live in an increasingly interconnected world. This is a world in which advances in transport and telecommunications technologies have not only transformed global patterns of production and consumption, but also facilitated the diffusion of ideas and cultures. Of particular interest are the ways in which people adapt and respond to these changes. The topic will be studied using a variety of local, regional and global contexts.

Modern History

The Year 12 Modern History General course takes you on a journey into the past in order to better understand the present.

By exploring some of the significant people, ideas and events that have helped shape the modern world you will be better equipped to appreciate the cultural, social and political diversity we see around us today.

In addition to the development of your historical knowledge, the study of Modern History will benefit your clear thinking and communication skills. You will learn how to locate and analyse information; to question what you see, hear and read; and to recognise different points of view. These skills are highly valued both in the workplace and by tertiary institutions.

The Year 12 first semester unit is called Societies and Change, with a particular focus on the changes that took place in the United States of America between the world wars (1918-1941). You will explore: how and why the US changed so dramatically during this period; how these changes affected different social groups within America; and how these changes impacted the “Americanisation” of global popular culture in the 20th century.

The final unit for Year 12 Modern History focuses on Historical Trends and Movements. In this unit you will examine the circumstances in which radical, extremist groups can come to dominate a particular society, and the consequences when they do.

Mathematics Essential

The Mathematics Essential course provides students with the ability to use mathematical processes and reasoning to manage practical everyday tasks such as budgeting, measurement, data analysis and financial management.

It develops mathematical skills established in Years 8-11 and equips you with the ability to solve problems, to learn how to conjecture and to reason logically, and to gain an appreciation of the elegance, beauty and creative nature of mathematics. It prepares you for further study and training or for the application of mathematics skills in your personal lives and in the workplace. There is a lot of emphasis on life skills and learning mathematics that is applicable to real life situations.



Year 12 Course Descriptions 2020

Science

General

Integrated Science

The Integrated Science course enables students to investigate science issues in the context of everyday life and the natural world around you.

It incorporates aspects of biology, chemistry, geology and physics, and also includes forensic science and biotechnology. Integrated Science will encourage you to be a questioning, reflective and critical thinker about scientific issues. You will apply your scientific knowledge in areas such as vehicle safety and driving, personal lifestyle choices and the broader issues such as the management of water resources and environmental issues. You will develop a range of practical skills and techniques through experiments, investigations and fieldwork.

Engineering Studies

Engineering Studies is the perfect choice to combine Science, Technology and Mathematics skills (STEM). You may make drones, do 3D printing or complete a project using metals. You also have the opportunity to design and manufacture a prototype Electrical Vehicle.

The Engineering Studies General course provides opportunities for you to investigate, research and present information, design and make products as well as create your own engineering project. This is a practical course focusing on application to life outside school.

As part of this course, you will choose a specialist Engineering field in mechanical systems. This could be making drones, 3D printing or creating projects out of metal. You will also learn to use “Solidworks” software for drawing your designs.

Students who wish to work on the Electrical Vehicle project will do this on Friday afternoons between 3pm and 5pm. Not only will you have the opportunity to work with our ex-students who are studying engineering and are in TAFE, university or employed as apprentices but we also have visiting engineers who help with design ideas. In November, students are able to drive this vehicle in a race (EV challenge that involves competing against 60 other cars).



Psychology

Psychology helps us to understand why people think and behave the way they do. You should choose this course if you are interested in a future that involves working with people.

In this course, you will explore a range of different topics such as memory, personality, states of consciousness, friendship formation, conflict resolution and communication styles. In addition, you will learn how the brain is structured and how humans develop over their lifetime. Social psychology concepts such as group influences on behaviour and culture are also covered.

In addition, you apply appropriate Research Methods to investigate the various psychological theories being studied.

Human Biology

Human Biology is the study of the human body and how it works. This is an ideal course for any student interested in a career in any area of health, sport or working with children.

In Unit 3 the course will give you a chance to explore how the human body works. You will focus on bones, muscles, nerves and hormones and how they maintain the body to act in a coordinated manner. The structure and function of the musculoskeletal system provides for human movement, balance and growth as the result of coordinated actions. Conditions affecting these systems, such as sporting injuries or hearing and vision defects, can result in a decrease or loss of function.

In Unit 4 the course explores the causes and spread of disease and how humans respond to invading pathogens. Disease is caused by various pathogens that are transmitted between individuals and populations in many different ways. Prevention of disease can be achieved by adopting good hygiene practices at a personal, domestic and workplace level. You will investigate transmission of diseases from a historical perspective and recent global incidences.

An understanding of the Year 11 content is assumed knowledge for students studying Unit 3 and Unit 4.



Year 12 Course Descriptions 2020

Technologies

General

You may only select ONE Design course from options below.

Design – Dimensional Design

If you are interested in any future career or study in three-dimensional design, this course is ideal for you.

You will complete a series of small design tasks exploring the elements and principles of design resulting in 3D jewellery pieces from found and recycled materials. You will also focus on design and production based in ceramics and glass. Other materials, such as wood, may also form part of this program.

The first semester focuses on Product Design and, in second semester, the focus turns to Cultural Design.

Design – Graphics

This course develops your knowledge about the design process and the impact of visual communication.

Unit 3 focuses on Product Design. You will learn that the commercial world is comprised of companies, requiring consumer products, services and brands for a particular audience.

Unit 4 focuses on Cultural Design. You will learn that society is made up of different groups of people who share diverse values, attitudes, beliefs, behaviours and needs, and that different forms of visual communication transmit these values and beliefs.

Design – Photography

In the Photography course, you will develop a competitive edge for current and future industry and employment markets.

You will be equipped with the knowledge and skills to understand photography principles and processes and apply them to your own photographic creations and the work of others. You will learn that you can use photography to communicate your own ideas, beliefs and values and to recognise these elements in the work of other photographers.



Materials Design and Technology – Wood

This course is a practical course where students work in the medium of wood with the design and manufacture of products as the major focus. You will have the opportunity to develop and practise skills that contribute to creating a physical product out of wood, while acquiring an appreciation of the application of a design process and an understanding of the need for materials sustainability.

You will learn and practise manufacturing processes and technologies using wood, including principles of design, planning and management.

Students with an interest in carpentry, practical uses for wood products or the artistic possibilities offered by wood will enjoy this course.

Materials Design and Technology – Textiles

This course is a practical course where students work in the medium of textiles with the design and manufacture of products as the major focus. You will have the opportunity to develop and practise skills that contribute to creating a physical product out of textiles, while acquiring an appreciation of the application of a design process and an understanding of the need for materials sustainability.

You will learn and practise textile manufacturing processes and technologies, including principles of design, planning and management.

If you are interested in fashion design or other uses of textiles, this course is ideal for you.

Applied Information Technology

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.

This course provides you 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.

You will develop an understanding of computer systems; the management of data; and the use a variety of software applications to investigate, design, construct and evaluate digital products and digital solutions.



Year 12 Course Descriptions 2020

Technologies

Endorsed Programs

Cisco Networking Academy IT Essentials

IT Essentials is classified as an Endorsed Program. It counts towards completion of your WACE as a unit equivalent.

The IT Essentials (ITE) curriculum emphasises practical experience to help students develop fundamental computer and career skills. ITE helps students prepare for entry-level career opportunities in ICT.

The IT Essentials curriculum provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level ICT professionals. The curriculum covers the fundamentals of computer hardware and software as well as advanced concepts such as security, networking, and the responsibilities of an ICT professional.

The curriculum includes:

- Development of a working knowledge of how computers operate, how to assemble computers, and how to troubleshoot hardware and software issues.
- Hands-on labs and virtual learning tools help students develop critical thinking and complex problem-solving skills.
- The course emphasizes the practical application of skills and procedures needed to install and upgrade hardware and software and troubleshoot systems.
- Cisco Packet Tracer simulation-based learning activities allow students to experiment with network designs and configurations.
- Interactive assessments provide immediate feedback to support the evaluation of acquired knowledge and skills.



Cisco Networking Academy CCNA Discovery 2

The Cisco CCNA Discovery curriculum helps students prepare for entry-level career opportunities, continuing education, and globally recognised Cisco certifications.

Students with an interest in networking will gain a globally recognised certificate in this Endorsed Program.

CCNA Discovery teaches networking concepts within the context of environments ranging from small office and home office (SOHO) networks to more complex enterprise and theoretical networking models.

CCNA Discovery includes the following features:

- Courses emphasise critical thinking, problem solving, collaboration, and the practical application of skills.
- Rich multimedia content includes Flash-based interactive activities, videos, games, and quizzes to address a variety of learning styles, help stimulate learning, and increase knowledge retention.
- Cisco Packet Tracer simulation-based learning activities promote the exploration of networking concepts and allow students to experiment with network behaviour.
- Hands-on labs help students develop critical thinking and complex problem solving skills.
- Built-in assessments provide immediate feedback to support the evaluation of acquired knowledge and skills.
- Case studies provide networking career scenarios to help students practice analysing business objectives, planning project timelines and resources, and delivering customer presentations.
- Courses are written for learners at all levels and embedded interactive activities help reinforce concepts.



Year 12 Course Descriptions 2020

About the Year 12 Foundation Courses

English Foundation

You can select this course if you have not yet achieved a Category 3 in Reading and/or Writing.

The English Foundation course develops skills in functional literacy, including appropriate spelling, punctuation and grammar. Skills in understanding, comprehending, interpreting and analysing texts for work, learning, community and/or everyday personal contexts will be covered. You will also develop skills in speaking and listening for work, learning, community and everyday personal contexts.

English as an Additional Language or Dialect Foundation

Students who have studied this course in Year 11 should have already learned about their eligibility status.

Students who have recently arrived in Australia (within the past 6 years) and who have achieved a Category 1 or 2 in the OLNA Reading and/or Writing can select this course.

You will have to complete an eligibility form to be approved for enrolment.

Mathematics Foundation

This course is suited to students who have not yet achieved a Category 3 in the Numeracy section of the OLNA test.

The Mathematics Foundation course aims to revise and consolidate basic numeracy skills needed in everyday life and in general courses. It offers support for students to fill any gaps in their previous mathematical learning and to succeed in fulfilling the requirements of the OLNA test. It is essentially practical and based on real life situations such as measurement, calculation and mathematical problem solving.



Notes

