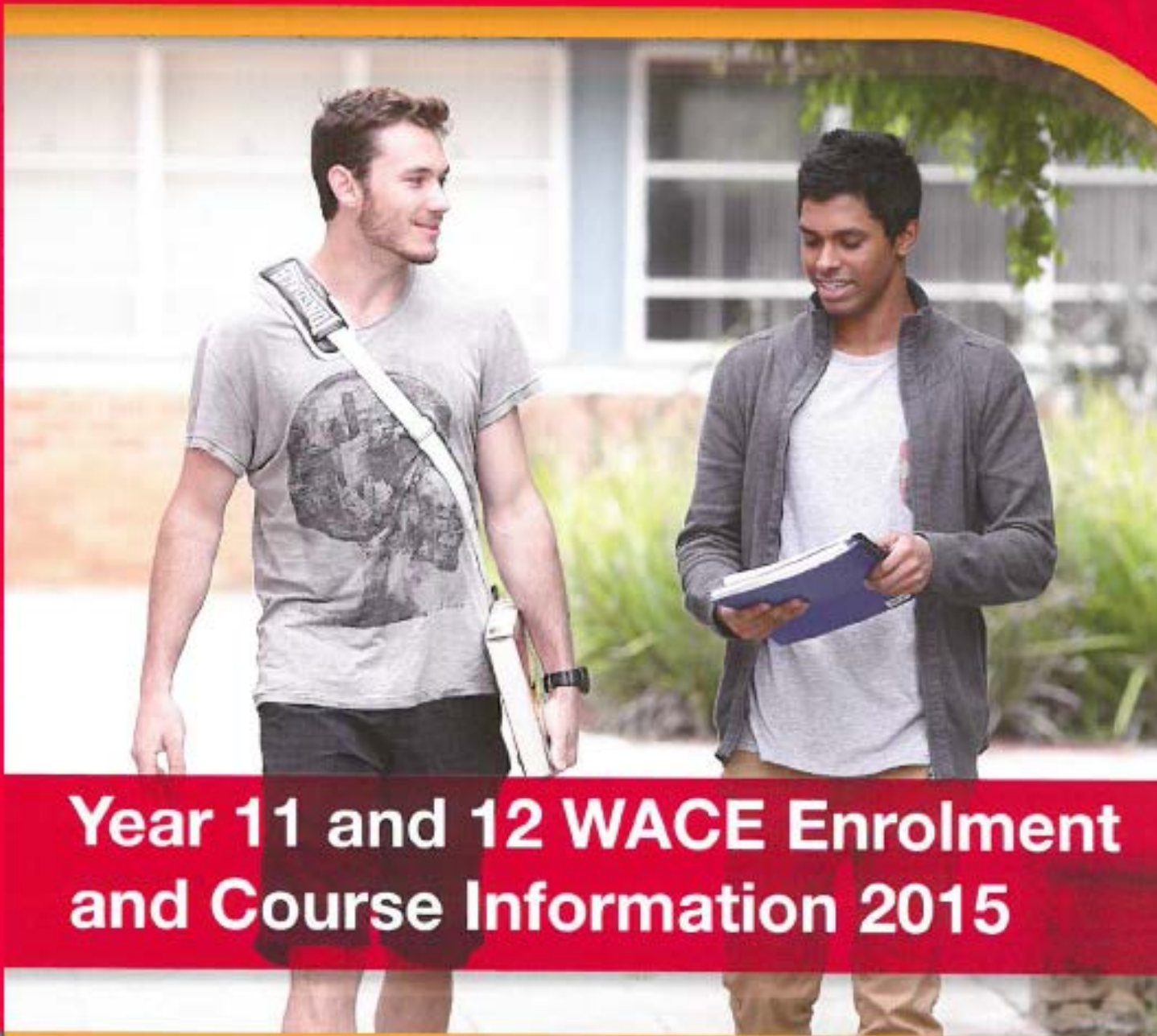


Canning College

Year 11 and 12 Enrolment



Year 11 and 12 WACE Enrolment and Course Information 2015



CANNING
COLLEGE

*Your quality pathway
to University*

www.canningcollege.wa.edu.au

Foreword- Getting Started

Dear Student



Welcome to Canning College and welcome to the wealth of information contained in this handbook for Year 11 and 12 students. You will find within it all of the detail that you need about the subjects available to you at the College. For those of you who are aiming to complete the Western Australian Certificate of Education (WACE) you can also find the information that you need about this important qualification.

In choosing subjects to study you should consider what it is that you enjoy learning about and you should consider your goals in enrolling at Canning College. Do you simply want to improve your education levels by completing Year 11 and or Year 12? Do you want to progress to State Training Providers (TAFE)? Do you want to access university? If so what subjects may you be most appropriate for you to study?

Whatever your goal may be, by enrolling at Canning College you have every opportunity to achieve it. The College has a fine record of sending students to quality higher education providers and has established very strong partnerships with the Western Australian universities. These facts operate to your advantage.

As well as the WACE programs outlined in this document, Canning College has several other pathways to university for local and international students. You can find out about these by accessing our website or by ringing the College (93515600) to make an appointment with one of our very knowledgeable student advisors who will assist you by providing further information about the great educational pathways on offer at Canning College and about links to higher education and careers. The student advisors will also be your best source of advice about whether to commence your College studies at Flying Start, Year 11 or Year 12 level.

All of the information contained in this handbook is also available on the Canning College website which I urge you to access. The website will provide you and your friends with detailed information about the College and all of its programs.

Canning College has been especially established by the Education Department of Western Australia to meet the needs of adult students and of international students. Therefore it provides a wonderful cosmopolitan learning environment for mature students. Please join us.

ALAN GENONI
PRINCIPAL
CANNING COLLEGE

Table of contents

FOREWORD.....	1
ELIGIBILITY ENROLMENT AT CANNING COLLEGE	3
YEAR 12 INFORMATION 2015	4
UNIVERSITY ENTRY REQUIREMENTS	5
WA STATE TRAINING PROVIDER REQUIREMENTS	8
YEAR 12 WACE COURSES 2015.....	9
YEAR 12 WACE STAGE 2, 3 COURSE DETAILS	11
YEAR 12 WACE STAGE 1 COURSE DETAILS.....	24
YEAR 11 INFORMATION 2015	29
CURRICULUM PATHWAYS	30
CURRICULUM CHANGES YEAR 11 2015	31
WACE 2016.....	32
YEAR 11 ATAR COURSE LIST 2015	34
YEAR 11 ATAR COURSE DETAILS 2015	35
VOCATIONAL EDUCATION AND TRAINING CERTIFICATE COURSES 2015.....	49
CERTIFICATE COURSES 2015	50
GENERAL NOTE	55
FEE INFORMATION	57
GOVERNMENT FINANCIAL ASSISTANCE	58
REFUND POLICY	58
TEXTBOOKS AND EQUIPMENT	58
HELPFUL WEBSITES	58

Eligibility Enrolments at Canning College 2015

Canning College offers re-entry to education and tertiary entry programs to students.

In order to be able to enrol at Canning College:-

- Students must have completed compulsory schooling therefore they must have completed Year 12 or be 18 years of age or older.
- Exceptions may be made for compulsory students who have completed Year 11 if Canning College has appropriate curriculum available and if it is determined that the student services/duty of care needs of such students can be met within the context of an adult environment.
 - The capacity to enrol students who have only completed Year 11 is primarily to cater to students who have moved to Perth from overseas, interstate or from country W.A.
- Compulsory age students who have only completed Year 10 will not be enrolled.
- Students who are of Year 11 age (turning 16 in first half of the year or seventeen in the second half of the year) will not be enrolled.



YEAR 12 INFORMATION

2015



University Entry Requirements 2016

Summary of Undergraduate Admission Requirements for Admission to a Western Australian Public University

This is a brief summary of admission requirements to assist students with course selection. For more details students should access the Tertiary Institutions Service Centre website: www.tisc.edu.au or the School Curriculum and Standards Authority (SCSA), www.scsa.wa.edu.au.

A. Requirements for School Leaver Entry

All students who will be **under 20 years of age** before March 1st in the year of admission to a tertiary institution (under 19 years of age before 1st March 2015) should check the following information to ensure that they meet all the requirements for entry.

To be considered for university admission as a school leaver applicant you must -

- meet the requirements for the **Western Australian Certificate of Education (WACE)** prescribed by the SCSA, and
- achieve **competence in English** as prescribed by the individual universities, and
- obtain a sufficiently high **ATAR** for entry to a particular university and/or course (Edith Cowan University may not require an ATAR for some pathways), and
- satisfy any **prerequisites** or special requirements for entry to particular courses.

1. WACE (2015)

It is essential you satisfy the requirements of the WACE to enter all four universities.

To obtain a WACE you must:

- Complete a minimum of 20 course units or the equivalent.
- Complete four units from an English or EALD Course. Two units must be studied in Year 12.
- Complete at least one pair of course units from each of List A and List B in year 12.
- Achieve a C grade average or better across the best 16 course units of which at least 8 must be completed in Year 12.
- Meet the English Language Competence by achieving a C grade in English or EALD or achieve standards as defined by work samples.
- Sit the WACE Examination if enrolled in a pair of units at stage 3.

2. Competence in English

For university admission purposes, you must demonstrate competence in English by achieving the prescribed standard in one of the WACE courses: English, Literature or English as an Additional Language/Dialect (EALD).

You can meet the competence in English requirement with Year 12 results obtained in any calendar year.

Some concessions do apply. Students will need to check these with TISC or individual universities.

3. The Australian Tertiary Admissions Rank (ATAR)

The ATAR is the basis of admission to most university courses. You are ranked in order of merit based on your ATAR. The ATAR is calculated using scaled marks in courses. The ATAR is derived from the Tertiary Entrance Aggregate (TEA).

The TEA will be calculated by adding the best four scaled scores. These may be in any combination of courses and/or past TEE subjects. No course or subject can be counted more than once. In calculating the scaled score, equal weight is given to the final school score and the final examination score, except where courses are taken on a private basis.

For all universities you may accumulate scaled scores which contribute to your ATAR over five consecutive years. Results from study prior to 2011 cannot be used in the ATAR.

STUDENTS SEEKING UNIVERSITY ENTRANCE ARE STRONGLY ADVISED TO STUDY STAGE 3 COURSES in 2015.

4. Prerequisites

Many university courses require prerequisite courses. Prerequisite are courses that must be successfully completed for entry to particular university. Check that you are doing the required course and stage. Refer to the relevant university prospectus, or contact individual universities. For some university courses the special requirements may include bridging/special course units, interviews, auditions, folio presentations, manual dexterity tests, aptitude tests, fitness requirements, etc.



B. Requirements for Mature-Age Entry

- You must be 20 years of age or over before March 1st in the year you intend to enter a tertiary institution (19 years of age or older before March 1, 2015 for Canning College).
- You must study **at least** two WACE courses in one year and achieve a sufficiently high ATAR for entry into the institution which you hope to attend. Mature age students wishing to gain admission into very competitive university courses (e.g. Medicine) may need to study four or five WACE courses.
- **STUDENTS SEEKING UNIVERSITY ENTRANCE ARE STRONGLY ADVISED TO STUDY STAGE 3 COURSES in 2015.**
- The English competence requirements of the universities vary and should be checked for the university you wish to attend. You will be expected to achieve either:
 - the required competence from the English Learning Area as prescribed by the University you wish to attend by achieving a scaled mark of 50% or better in a WACE English course (English/Literature/English as an Additional Language/Dialect).

OR

 - an adequate score in the Special Tertiary Admissions Test (STAT) or IELTS. This competence in English requirement may be satisfied by results obtained in any year. Some concessions do apply. You will need to check with TISC or individual universities.
- You must obtain a scaled score of 50% or better in pre-requisite courses. There may be special requirements such as interviews, folios, auditions, fitness requirements, police clearance.
- WACE courses studied privately may be used in the calculation of the ATAR.

Unacceptable Course Combinations

There are certain course combinations that are not permitted in calculating your ATAR.

An example is English and English Literature.

Please see TISC Guides for entry to University 2016 for details. These are available from Canning College advisors or from the TISC website at www.tisc.edu.au



WA State Training Provider (TAFE) Entrance Requirements

To gain entry into a full time course at a State Training Provider you need to meet the minimum requirements of the chosen qualification. For a number of qualifications, for which there are more applicants than the number of places available, you must also address the selection criteria.

To determine the entry requirements for a qualification and whether any further selection criteria apply you should access the State Training Provider website trainingwa.wa.gov.au.

Entry Requirements

Entry requirements are the skills and knowledge gained through qualifications such as;

- Senior secondary school results
- Special Tertiary Admissions Test (STAT) or similar tests
- Skills and experience

For some qualifications you need to have attained a lower level qualification from a State Training Provider. For other qualifications you need to meet a minimum level of communication and/or maths skills.

Selection Criteria

Selection criteria cover academic and other criteria (e.g. work experience, industry involvement, and current and previous employment) which are used to rank applicants competing for entry into a course where there are more applicants than places available. If the course for which you are applying asks you to address selection criteria you will need to submit additional information with your application form.

For further information on selection criteria contact the Career Centre on:

T: 13 23 98

T: 08 92246500

W: dtwd.wa.gov.au/careercentre

E: career.centre@dtwd.wa.gov.au

Year 12 WACE Courses 2015

It is the intention of Canning College to offer the following courses at the time of printing in October 2014. However the College reserves the right to alter the list of courses offered or cancel a course if there are insufficient student enrolments.

Each course consists of two paired units (A/B or C/D or D/E). These units are studied concurrently over the year.

School Leavers (students under 19 on 1st March 2015) are required to select at least one Year 12 course from each of List A and List B.

Mature Age students can select from either list and do not have to do a List A and one List B subject.

Year 12 WACE Stage 3 Courses - 2015

List A (arts/languages/social sciences)	List B (mathematics/science/technology)
Business Management and Enterprise (3AB)	Accounting and Finance (3AB)
Economics (3AB)	Chemistry (3AB)
English (3AB)	Computer Science (3AB)
English as an Additional Language or Dialect (2AB, 3AB)	Design (3AB)
Modern History (3AB)	Earth and Environmental Science (3AB)
Politics and Law (3AB)	Human Biological Science (3AB)
	Mathematics (2CD,3AB, 3CD)
	Mathematics: Specialist (3CD)
	Physics (3AB)
	Psychology (3AB)

In 2015 Canning College will be offering some Year 12 Stage 1 Courses. These **cannot** be used for the calculation of an ATAR but will contribute towards a WACE Certificate of Education and will assist with entrance into some courses at TAFE.

Year 12 WACE Stage 1 Courses - 2015

List A (arts/languages/social sciences)	List B (mathematics/science/technology)
English(1CD)	Applied Information Technology(1CD)
English as an Additional Language or Dialect(1CD)	Mathematics(1DE)
	Integrated Science(1AB)
	Physical Education Studies(1AB)
	Certificate II IDMT –(ICA 20111)

All of the courses at Stage 2 and 3 can contribute towards your ATAR and earn credit for WACE or entrance to a State Training Provider course.

For the determination of your ATAR an increment of 15 marks is added to the Stage 3 WACE course score. This does not occur for stage 2 courses.

In Mathematics courses this increment varies. Please refer to the Mathematics section for details.

WACE examinations for courses are compulsory for students studying paired units at either Stage 2 or 3.

STUDENTS SEEKING UNIVERSITY ENTRANCE ARE STRONGLY ADVISED TO STUDY STAGE 3 COURSES.

Enrolment criteria for EALD as a Year 12 student

English as an Additional Language/dialect is normally available only to students whose first language is not English and who have not been resident in an English speaking country for more than 7 years. Further details concerning eligibility are contained in the “Course Details” section of this booklet.

Eligibility criteria do apply for this course in Year 11 and Year 12.

Additional Study Options

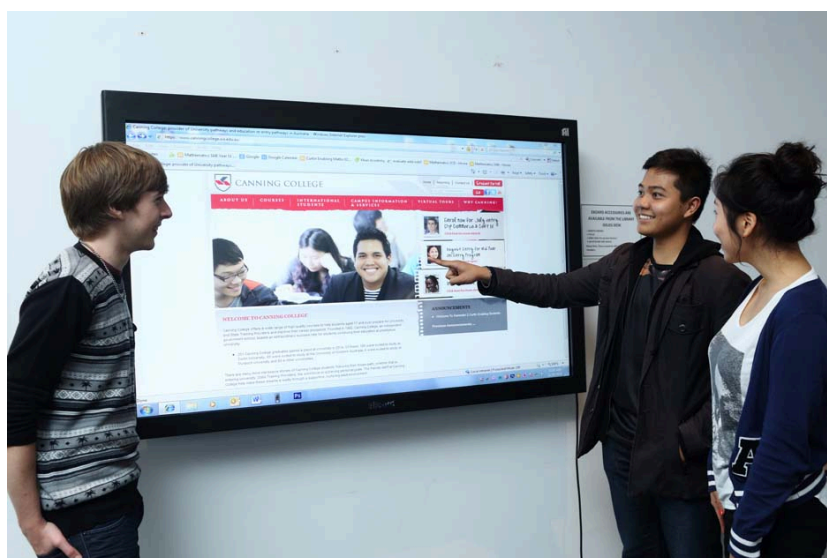
Students may combine any of the following with their WACE courses:

Certificate I (ICA 10111) - Information, Digital Media and Technology

Certificate II (ICA 20111) - Information, Digital Media and Technology

Flying Start

Year 11 Courses (see Year 11 course list).



Year 12 WACE Stage 2, 3 Course Details - 2015

English

English: WACE

English as an Additional Language or Dialect: WACE

English Stage 3 (Units 3AB)

The Stage 3 English Course is most suitable for students who wish to study at a tertiary level. In Unit 3A, *Language and Identity*, students will examine the ways written and visual texts convey ideas about groups and individuals. In Unit 3B, *Language and Ideas*, students will explore the ways in which written and visual texts convey a range of meanings when they are read from different perspectives.

Students will participate in class discussions and in more formal oral presentations, such as tutorials. Students will also be required to create original texts as well as writing to express opinions and to analyse the ideas of others. The types of texts studied will include novels, drama scripts, short stories, essays, speeches, expository texts, documentary film, feature film and still images.

College Assessment Outlines

WACE (Year 12)

Assessment Type	Weighting
Response/Investigation	20 %
Written Production	40 %
Oral Production	10 %
Semester 1 Examination	15 %
Semester 2 Examination	15 %

English as an Additional Language/Dialect Stage 3 (Units 3AB)

Australia as a cultural community/language and empowerment

This unit combination is the most suitable for students who wish to pursue further studies at tertiary level. It has challenging and complex content, with students expected to participate in variety of activities as part of the assessment program.

College Assessment Outlines

WACE (Year 12)

Assessment Type	Weighting
Oral production	20 %
Written production	20 %
Investigation	20 %
Response	20 %
Semester 1 Examination	10 %
Semester 2 Examination	10 %

English as an Additional Language/Dialect Stage 2(Units 2AB)

The EALD courses are designed for students who speak another language or dialect as their first or 'home' language. EALD focuses on development of the competent use of Standard Australian English (SAE) in a range of contexts. The EALD General course prepares students for a range of postsecondary destinations in further education, training and the workplace.

College Assessment Outlines

WACE (Year 12)

Assessment Type	Weighting
Response	20 %
Written Production	20 %
Oral Production	20 %
Investigation	20 %
Semester 1 Examination	10 %
Semester 2 Examination	10 %

Eligibility for enrolment in English as an Additional Language/Dialect

The EALD ATAR course is available to students who speak English as a second language or as an additional language or dialect, and whose use of Standard Australian English is restricted.

The specific eligibility criteria for enrolment into EALD are set out below.

The EALD course will be available to a student:

- whose first language is not English and who has not been a resident in Australia or another predominantly English speaking country for a total period of more than seven years immediately prior to 1 January of the year of enrolment into Year 12, AND for whom English has not been the main medium of communication and/or instruction for more than seven years immediately prior to 1 January of the year of enrolment into Year 12
- who is Aboriginal or Torres Strait Islander, or from Cocos Island or Christmas Island, for whom SAE has been the medium of instruction, but for whom SAE is an additional language/dialect, and whose exposure to SAE is primarily within the school context
- who is deaf or hard-of-hearing and communicates using signing, such as Auslan, as their first language
- whose first language is not English and who was born outside Australia and has had little or no formal education prior to arriving in Australia
- whose first language is not English and who was born outside Australia or in a remote part of Australia and has had a disrupted formal education whose first language is not English and who has been a resident in Australia for more than seven years prior to 1 January of the year of enrolment into Year 12, but who has had little or disrupted formal education in SAE, resulting in significant disadvantage

Humanities and Social Science

Accounting and Finance: WACE

Business Management and Enterprise: WACE

Economics: WACE

Modern History: WACE

Politics and Law: WACE

Accounting and Finance Stage 3 (Units 3AB)

Financial decision making is an integral part of our daily lives on a personal or business level. This course aims to make students financially literate and to develop an understanding of the fundamentals on which accounting and financial management are based. The course also aims to make students aware of the ethical, social and environment issues involved in business financial decision making process.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Project	10 %
Tests	40 %
Semester 1 Examination	15 %
Semester 2 Examination	35 %

Business Management and Enterprise Stage 3 (Units 3AB)

The Business Management and Enterprise course gives students the opportunity to understand how vital business is and how it impacts on every aspect of our lives. The Business Management and Enterprise course aims to prepare all students for a future where they will need to identify possibilities and create opportunities within a business environment.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Assignments	45 %
Tests	15 %
Semester 1 Examination	10 %
Semester 2 Examination	30 %

Economics Stage 3 (Units 3AB)

The Economics course investigates the choices which all people, groups and societies face as they confront the ongoing problem of satisfying their unlimited wants with a limited amount of resources. The study of Economics supports an understanding of the nature of decision-making, our demands for the allocation of resources and how we distribute those resources. This is done in the context of the global economy and Australia's role as an international citizen.

In Unit 3A students will study Australia and the global economy. Students will examine Australia's economic relationships with the rest of the world through topics such as globalisation, free trade and protection, the balance of payments, exchange rates, foreign debt and foreign investment. Students will further their knowledge and skills in economic analysis through the use of models and data interpretation.

In Unit 3B students will study economic public policy and management. Students will build on their knowledge of the role of government by examining the key policy tools used by government in the pursuit of its macroeconomic objectives. New economic models will be introduced to students which they will learn to use when analysing and explaining public policy implementation. Topics covered in the unit include government economic objectives, fiscal and monetary policy, microeconomic reform and the use of aggregate economic data to examine macroeconomic activity.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Data interpretation/Short Responses	30 %
Extended responses	40 %
Semester 1 Examination	10 %
Semester 2 Examination	20 %

Modern History Stage 3 (Units 3AB)

Studying Modern History enables students to become critical thinkers and helps inform their judgements and actions in a rapidly changing world. Students will be exposed to a variety of historical sources including artefacts, oral stories, film, diary extracts and other written accounts in order to determine the cause and effect, and the motives and forces influencing people and events.

The focus for Unit 3A is Australia 1880s – 1920s. Students will learn that there are internal and external forces that result in cohesion and/or division within societies and these have consequences for continuity and change. They assess how the structures of power and authority were used, how different groups and individuals responded and whether there was potential for greater cohesion or division.

The focus for Unit 3B is ideas that shaped history: Imperialism, Colonialism, Arab Nationalism, Zionism, Fundamentalism and Terrorism. The object of this unit is to explore the power of ideas and ideologies as forces for change and/or their use to reinforce dominant elements in society.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Historical Inquiry	20 %
Explanation (written and oral)	30 %
Document Study	20 %
Semester 1 Examination	10 %
Semester 2 Examination	20 %

Politics and Law Stage 3 (Units 3AB)

Politics and Law is a study of the processes of decision-making concerning society's collective future. It aims to develop knowledge of the principles, structures, institutions and processes of political and legal systems primarily in Australia. It brings together the judicial, executive and legislative arms of government to demonstrate how society is governed and examines the philosophy and values on which society is governed. Current political and legal issues are used to provide a contemporary context for the course.

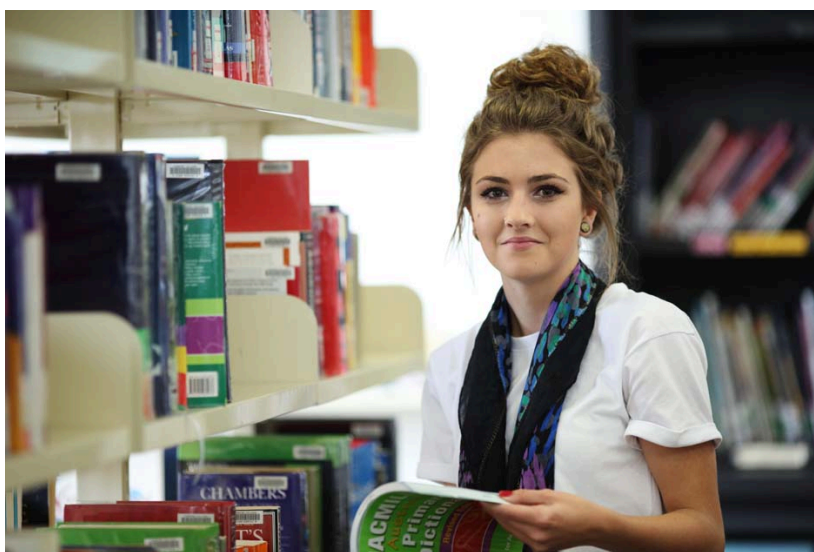
The focus for Unit 3A is political and legal power. Students will critically examine the roles and powers of the legislative, executive and judicial branches of government. They will consider the influence of individuals, political parties and pressure groups on the lawmaking process of parliament and the courts. The operation of federalism and the balance of power between the Commonwealth and the State governments in Australia is also critically examined.

The focus for Unit 3B is rights and governance. Students will critically examine the structures, processes and procedures of accountability in relation to the legislative, executive and judicial branches of government. The protection of rights in Australia and one other country and the ways in which democratic principles can be upheld or undermined in Australia and one other country are also critically examined.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Investigation	20 %
Explanation	20 %
Source Analysis	30 %
Semester 1 Examination	10 %
Semester 2 Examination	20 %



Mathematics

Mathematics: WACE

Mathematics Specialist: WACE

Mathematics Stage 3 (Units 3AB)

The aim of this course is to provide students with skills in the following areas:

Number and Algebra: Students will learn how to apply polynomial, exponential and power functions to practical situations by using numerical and graphical techniques. Students will be introduced to the calculus of polynomial functions. Also covered are the topics of solving systems of equations, recursive and financial mathematics.

Chance and Data: Calculations and analysis of one and two variable statistics.

Space and Measurement: Students will use trigonometric formulae to solve triangles and areas of triangles. The construction and analysing of networks will also be covered.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Responses (including tests and examinations)	85 %
Investigation	15 %

To determine your ATAR an increment of 20 marks is added to the final WACE score for Mathematics 3AB.

Mathematics Stage 3 (Units 3CD)

The aim of this course is to provide students with skills in the following areas:

Number and Algebra: Topics include limits, advanced differentiation and integration of functions techniques, linear programming and solving systems of equations.

Chance and Data: Counting techniques, formal probability laws and probability density functions are covered.

Space and Measurement: Applications of calculus are covered including rate of change, growth and decay, approximations, area between curves, volumes of solids, rectilinear motion and related rate.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Responses (including tests and examinations)	85 %
Investigation	15 %

To determine your ATAR an increment of 30 marks is added to the final WACE score for Mathematics 3CD.

Mathematics Stage 2 (Units 2CD)

The aim of this course is to provide students with skills in the following areas:

Data Analysis: Students will learn how to analyse statistical data represented in various formats and make inferences from data. A major focus of this topic will be the effective use of the CAS calculator.

Function: Graphical and algebraic representation of mathematical relationships.

Space and Measurement: Trigonometry and Analytical Geometry.

Probability: Introduction to probability incorporating sample spaces and probability theory.

Financial Mathematics: Calculation and interpretation of financial formulas and spreadsheets.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Responses (including tests and examinations)	75 %
Investigation	25 %

To determine your ATAR an increment of 10 marks is added to the final WACE score for Mathematics 2CD.

Mathematics Specialist Stage 3 (Units 3CD)

The aim of this course is to provide students with skills in the following areas:

Vectors: 2D and 3D vectors.

Trigonometry: Limits, differentiation and integration of the trigonometric functions.

Exponentials and Logarithms: Differentiation and integration techniques including implicit differentiation, parametric equations and integration by substitution.

Complex Numbers: Polar form of a complex number, De Moivre's Theorem and graphing in the Argand Plane.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Responses (including tests and examinations)	85 %
Investigation	15 %

To determine your ATAR an increment of 15 marks is added to the final WACE score for Mathematics 3CD.

Science

Chemistry: WACE

Earth and Environmental Science: WACE

Human Biology: WACE

Physics: WACE

Psychology: WACE

Chemistry Stage 3 (Units 3AB)

The Chemistry course equips students with the knowledge, understanding and opportunity to investigate properties and reactions of materials. Students predict chemical effects, recognise hazards and make informed, balanced decisions about chemical use and sustainable resource management. Investigations and laboratory activities develop an appreciation of the need for precision, critical analysis and informed decision making.

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

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Practical/Investigation	15 %
Research/In Class Work	15 %
Tests	20 %
Semester 1 Examination	25 %
Semester 2 Examination	25 %



Earth and Environmental Science Stage 3 (Units 3AB)

The Earth and Environmental Science course enables students to develop an appreciation that our planet is a global system made up of major reservoirs and that matter is constantly cycled over both short and long time periods within and between these reservoirs.

A multidisciplinary approach encourages students to be curious about the world around them and apply scientific principles to develop a balanced view of the challenges presented by the utilisation of resources and managing the effects on the environment. Students carry out practical investigations and have the opportunity to participate in field-based excursions that allow them to experience what they have learnt in class in a real world situation.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Investigation	25 %
Extended Task	25 %
Tests	20 %
Semester 1 Examination	10 %
Semester 2 Examination	20 %

Human Biology Stage 3 (Units 3AB)

The Human Biological Science course gives students a chance to explore what it is to be human—how the human body works, the origins of human variation, inheritance in humans, the evolution of the human species and population genetics. Through their investigations, students research new discoveries that increase our understanding of human dysfunction, treatments and preventative measures. Practical tasks are an integral part of this course and develop a range of laboratory skills, for example, biotechnology techniques. Students learn to evaluate risks and benefits to make informed decisions about lifestyle and health topics such as diet, alternative medical treatments, use of chemical substances and the manipulation of fertility. Scientific evidence is used to make informed decisions.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Practical/Investigation	20 %
Response (extended)	20 %
Tests	20 %
Semester 1 Examination	15 %
Semester 2 Examination	25 %

Physics Stage 3 (Units 3AB)

In the Physics course, students investigate the natural and built world around them in a wide and interesting range of contexts. They discover how we exploit radioactivity in industrial testing and in the treatment of diseases, why we use different materials in heating and cooling systems, how we use electric and magnetic fields in machines, and how our understanding of light and sound waves helps us to communicate. Students will learn how energy and energy transformations can shape the environment from the small scale, in quantum leaps inside an atom's electron cloud, through the human scale, in vehicles and the human body, to the large scale, in interactions between galaxies. Students have opportunities to develop their investigative skills and use analytical thinking to explain and predict physical phenomena.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Practicals/Investigation/Research	20 %
Tests	20 %
Semester 1 Examination	25 %
Semester 2 Examination	35 %

Psychology Stage 3 (Units 3AB)

Psychology is the scientific study of how we think, feel and act. This course is designed to integrate the understanding of scientific principles, the acquisition of psychological knowledge and the application of these in an enjoyable and contemporary forum. Students learn about major psychological models and theories and the methods used to investigate within the discipline of psychology. Their understanding of how these models and theories are applied in everyday settings will help them understand themselves and their world. Students are involved in scientific investigations and the analysis of data to illustrate how empirical procedures are used to examine phenomena such as memory, attention, attitudes, personality and group behaviour.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Production	20 %
Investigation	20 %
Extended Responses	10 %
Tests	20 %
Semester 1 Examination	10 %
Semester 2 Examination	20 %

Technologies

Computer Science: WACE

Design: WACE

Computer Science Stage 3 (Units 3AB)

A large proportion of existing and new jobs require some ICT skills, everyone is influenced by computers in some way. The Computer Science course aims to take students beyond the use of computers at an application level into the realm of creating software and building computer-based systems. Students will develop skills in designing and developing computer-based systems, relational databases and basic programming. Students consider networks and communication systems including security and protocols. The course provides students with practical and technical skills that will help them to function effectively in pursuing employment or further studies in computing or a related field, and in daily life in a technological society. Students planning future studies in any field that utilises ICT, such as commerce, architecture, science, information technology, computing and engineering would benefit from studying Computer Science.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Practical/Production	25 %
Investigation	10 %
Extended responses	10 %
Semester 1 Examination	10 %
Semester 2 Examination	30 %



Design Stage 3 (Units 3AB)

This course covers commercial design and influential design. Students are introduced to a client-focussed design brief to create a product or service. They plan, develop and analyse to create designs that reflect the client, audience and market needs or to communicate ideals, messages, values and attitudes. Students will use a range of software products from the Adobe suite to produce a practical portfolio of their design work. They will also study the theory of visual communication, design elements and principles and will use the design process to produce their design solutions.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Investigation	20 %
Production	50 %
Semester 1 Examination	10 %
Semester 2 Examination	20 %



Year 12 WACE Stage 1 Course Details - 2015

English

English: WACE

English as an Additional Language or Dialect: WACE

English Stage 1 (Units 1CD)

The focus for this course is the exploration and development of language skills. Students will learn how to use language to present their ideas, experiences and opinions effectively. Students will also develop the skills to find, evaluate and respond to information relevant to their social, vocational and cultural interests.

College Assessment Outlines

WACE (Year 12)

Assessment Type	Weighting
Response/ Investigation	30 %
Written Production	40 %
Oral Production	10 %
Semester 1 Examination	10 %
Semester 2 Examination	10 %

English as an Additional Language/Dialect Stage 1(Units 1CD)

The EALD courses are designed for students who speak another language or dialect as their first or 'home' language. EALD focuses on development of the competent use of Standard Australian English (SAE) in a range of contexts. The EALD General course prepares students for a range of post-secondary destinations in further education, training and the workplace.

College Assessment Outlines

WACE (Year 12)

Assessment Type	Weighting
Response	25 %
Written Production	25 %
Oral Production	12.5%
Investigation	17.5 %
Semester 1 Examination	10 %
Semester 2 Examination	10 %

Health and Physical Education

Physical Education Studies: WACE

Physical Education Studies Stage 1 (Units 1CD)

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

College Assessment Outlines

WACE (Year 12)

Assessment Type	Weighting
Practical	40 %
Investigation	25 %
Response	35 %

Mathematics

Mathematics: WACE

Mathematics Stage 1 (Units 1DE)

In this unit, students use integers, decimals, fractions, percentages and ratios for practical purposes. They apply mathematics in making financial decisions. They write word sentences algebraically and solve simple equations. They calculate area and perimeters of circles and use Pythagoras' theorem for the sides of triangles. Students collect measurement data from fair samples, display data in tables and graphs, calculate averages and describe spread of data, and compare datasets. They draw graphs to represent real situations, and use them to describe how quantities are related. They use trigonometry to calculate measurements in right triangles, and calculate volume and surface area of shapes. They analyse networks. Students simulate everyday chance events, calculate probabilities and predict using probabilities. They collect bivariate data relevant to them, display the data in tables and graphs, and describe trends.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Responses (including tests and examinations)	50 %
Investigation	50 %

Science

Integrated Science: WACE

Integrated Science Stage 1 (Units 1AB)

The Integrated Science course enables students to investigate science issues in the context of the world around them. It incorporates aspects of biology, chemistry, geology and physics, and can also include less traditional areas such as forensic science and biotechnology. Integrated Science encourages students to be questioning, reflective and critical thinkers about scientific issues.

Students apply their scientific knowledge in areas such as vehicle safety and driving, personal lifestyle choices, the management of water resources, environmental issues associated with the exploration and mining of natural resources and the sustainable use of energy. Students develop a range of practical skills and techniques through investigations and fieldwork in context and use scientific evidence to make informed decisions about scientific issues.

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Investigation	30 %
Explanation	20 %
Tests	15 %
Semester 1 Examination	10 %
Semester 2 Examination	25 %



Technologies

Applied Information Technology: WACE

Applied Information Technology Stage 1 (Units 1CD)

The Applied Information Technology course provides students with a broad range of knowledge and skills that will assist them in their daily lives. The course has a strong practical skills focus. Students will use project management together with a range of computer hardware and software to design, construct and evaluate digital solutions. They will also investigate the technologies required for small communication networks and the impacts of technology on society.

Topics include:

- Design concepts
- Project Management
- Hardware
- Networks
- Data management

College Assessment Outline

WACE (Year 12)

Assessment Type	Weighting
Response	30 %
Production	60 %
Semester 1 Examination	5 %
Semester 2 Examination	5 %



Certificate II (ICA20111) – Information Digital & Media Technology

Course Content

This course provides general computing and employment skills that enable participation in an information technology environment in any industry.

Participants will also develop significant skills in word processing, spread-sheets, internet, email, editing digital images, databases and operating systems using Windows and Microsoft Office 2010.

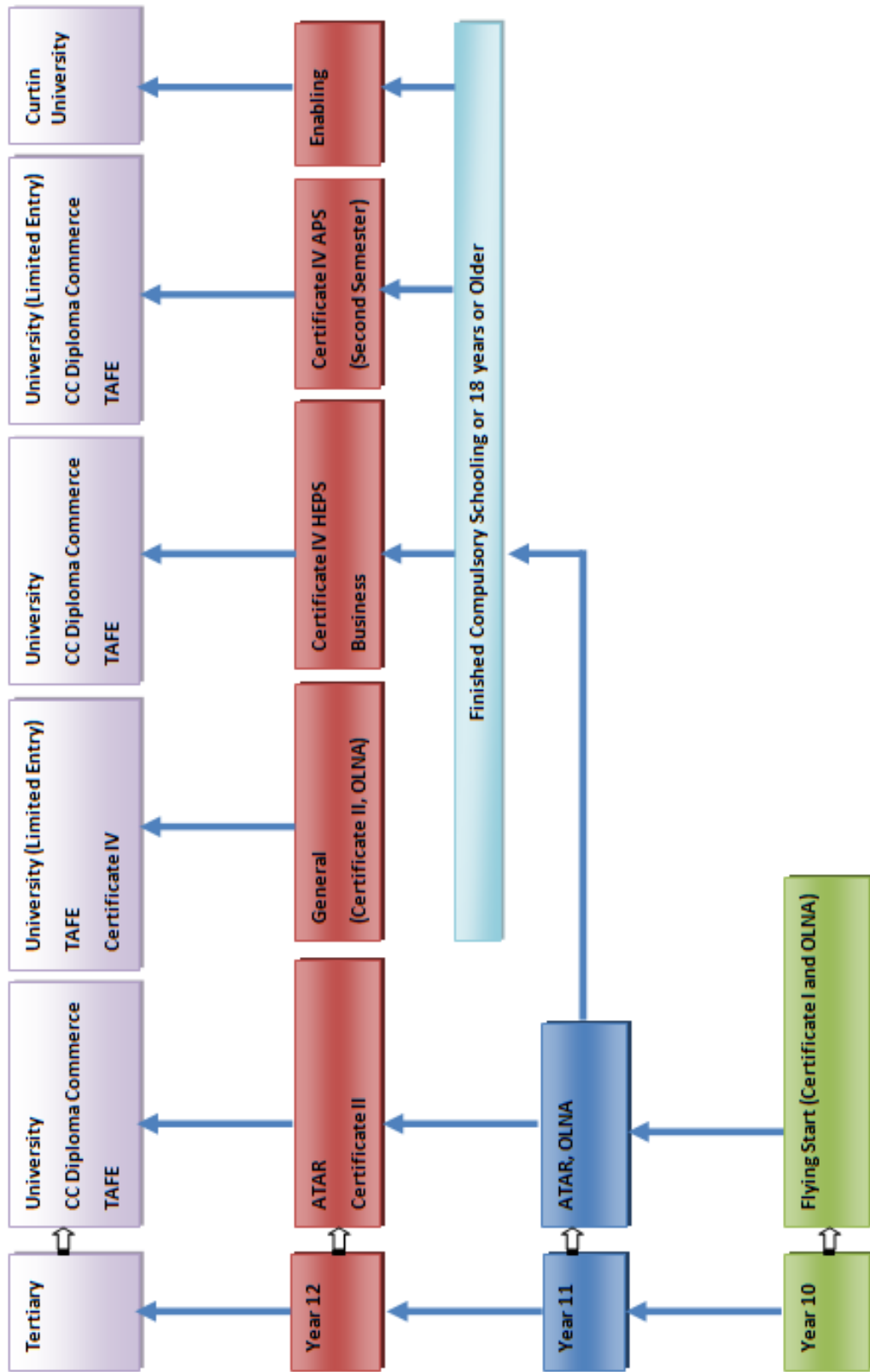
This qualification is recognised Australia-wide by both training institutions and industry.

Unit Code	Unit Title	Core/Elective
BSBOHS201A	Participate in OHS processes	Core
BSBSUS201A	Participate in environmentally sustainable work practices	Core
ICAICT201A	Use computer operating systems and hardware	Core
ICAICT202A	Work and communicate effectively in an IT environment	Core
ICAICT203A	Operate application software packages	Core
ICAICT204A	Operate a digital media technology package	Core
ICAWEB201A	Use social media tools for collaboration and engagement	Core
ICAWEB201A	Use social media tools for collaboration and engagement	Core
ICPMM322C	Edit a digital image	Elective
ICPMM321C	Capture a digital image	Elective
BSBITU201A	Produce simple word processed documents	Elective
BSBITU202A	Create and use simple spread-sheets	Elective
ICAICT205A	Design organisational documents using computing packages	Elective
ICAICT207A	Integrate commercial computer packages	Elective
ICAICT210A	Operate database applications	Elective

YEAR 11 INFORMATION 2015-2016



CURRICULUM 2015 – PATHWAYS FOR STUDENTS



Curriculum Changes – 2015 Year 11

In 2015 the Australian National Curriculum will be implemented for most Year 11 subjects. The reforms will be introduced in 2015 for Year 11 and 2016 for Year 12 students.

Under this reform, Stage 1, 2 and 3 courses will be removed and replaced with new, simplified Year 11 and Year 12 ATAR/Vocational Education and Training (VET) and courses.

Each Year 11 course will be described in units and consists of a pair of Units 1 and 2 followed by Units 3 and 4 for Year 12 courses in 2016.

In 2015 Canning College will offer:

- **ATAR Pathway** (students aiming for direct university or TAFE Diploma level entry)
- **VET Pathway**(students aiming for TAFE Diploma level entry or directly into the workforce)



Western Australian Certificate of Education- 2016

This section is relevant to all students seeking to complete Year 11 in 2015 and to achieve the WACE in 2016.

The WACE is a certificate that demonstrates significant achievement over Years 11 and 12.

To be considered for university admission as a school leaver applicant, normally you must:-

- Meet the requirements for the Western Australian Certificate of Education(WACE) prescribed by the School Curriculum and Standards Authority, and
- Achieve competence in English as prescribed by individual universities, and
- Obtain a sufficiently high ATAR/Selection Rank for entry to a particular course(Edith Cowan university may not require an ATAR for some pathways), and
- Satisfy any prerequisites or special requirements for entry to particular courses

The WACE requirements 2016

To achieve a WACE from 2016, a student must satisfy the following:

General requirements

- Demonstrate a minimum standard of literacy and a minimum standard of numeracy.
- complete a minimum of 20 units or equivalents, with a minimum of 10 Year 12 units or the equivalent
- Each course has four units – Unit 1 and Unit 2 (Year 11 units) and Unit 3 and Unit 4 (Year 12 units). Unit 1 and Unit 2 **can** be studied as a pair, Unit 3 and Unit 4 **must** be studied as a pair.
- **Complete four or more Year 12 ATAR courses or complete a Certificate II or higher.**

Breadth and depth

Students will complete a minimum of 20 course units or the equivalent. This requirement must include at least:

- a minimum of 10 Year 12 units or the equivalent
- two completed Year 11 English units and one pair of completed Year 12 English units
- One pair of Year 12 course units from each of List A (arts /languages/social sciences) and List B (mathematics / science/technology).

Achievement standard

Students will be required to achieve 14 C grades (or equivalents) in Year 11 and Year 12 units, including at least six C grades in Year 12 units (or equivalents).

There will be provision for students to gain unit equivalence by completing:

- VET qualifications – a Certificate I can replace two Year 11 units, a Certificate II, two Year 11 and two Year 12 units, and a Certificate III or higher, two Year 11 and four Year 12 units.

Achievement of a WACE

If you do not complete the course requirements to achieve an ATAR you will need to achieve a minimum of a Certificate II qualification. Canning College will offer a Certificate II in Information Technology.

The Western Australian Statement of Student Achievement (WASSA)

A WASSA is issued to all Year 12 students who complete any study that contributes towards a WACE. It lists all courses and programs students have completed in Year 11 and 12.

Literacy and numeracy

There are two parts to demonstrating competence in literacy and numeracy. Firstly, you are required to complete two Year 11 English units and a pair of Year 12 English units. Secondly, **you must demonstrate** that you have met the minimum standard for literacy and numeracy.

You can demonstrate the minimum standard for literacy and numeracy:

- through the Authority's Online Literacy Numeracy Assessment (**OLNA**), or
- if you have demonstrated Band 8 or higher in your Year 9 NAPLAN, Reading, Writing and Numeracy tests.

The OLNA is compulsory for those students who have not prequalified in one or more of the components through Year 9 NAPLAN and want to achieve the WACE.

Certificate programs

If your educational program does not include four ATAR courses in Year 12, you will need to complete a Certificate II qualification or higher to achieve your WACE.

VET is recognised across Australia. VET programs can give you the opportunity to gain core skills for work and, in some cases, complete training in industry through workplace learning.

VET can contribute up to eight of the 20 units you need to achieve your WACE.

Assessment in Certificate Courses

In all Certificate courses students will be assessed to industry standards in order to receive certification. Students will be assessed on a set number of competencies and marked either 'competent' or 'not-competent'. Students must achieve 'competent' for each of the competencies in order to be awarded this certificate.

Multiple pathways to achieve the WACE

The WACE breadth and depth of study requirement previously outlined, specifies that students must complete a minimum of 20 units (10 courses) during Years 11 and 12, including a minimum of 10 Year 12 units or equivalents. Students may use ATAR courses, General courses and VET programs.

There are limits to the number of VET programs and that may contribute to achievement of the WACE. In summary, students can gain unit equivalence of up to four Year 11 units and four Year 12 units on the basis of completed VET programs.

Year 11 ATAR Course List

It is the intention of Canning College to offer the following courses at the time of printing in October 2014. However, the College reserves the right to alter the list of courses offered or cancel a course if insufficient student enrolments.

Each course consists of two pairs in Year 11 unit 1 and 2 with Unit 3 and 4 in Year 12 (2016).

Year 11 ATAR Courses in 2015

List A (arts/languages/social sciences)	List B (mathematics/science/technology)
Business Management and Enterprise	Accounting and Finance
Economics	Chemistry
English	Computer Science
English as an Additional Language or Dialect	Design
Modern History	Earth and Environmental Science
Politics and Law	Human Biological Science
	Mathematics Specialist
	Mathematics: Methods
	Mathematics: Application
	Physics
	Psychology



Year 11 ATAR Course Details -2015

English

English: ATAR

English as an Additional Language or Dialect: ATAR

English ATAR (Units 1 & 2) - Year 11

The Year 11 English ATAR course focuses on developing students' analytical, creative, and critical thinking and communication skills in the language modes of listening, speaking, reading, viewing and writing. It encourages students to critically engage with texts from their contemporary world, with texts from the past and with texts from Australian and other cultures. Through close study, students will develop the ability to analyse and evaluate the purpose, stylistic qualities and conventions of texts and enjoy creating their own imaginative, interpretive, persuasive and analytical responses.

Unit 1, *Language and meaning*, focuses on the similarities and differences between texts and how visual elements combine with spoken and written elements to create meaning. Students will develop an understanding of the stylistic features of a variety of texts and they will apply their understanding by responding to texts in both analytical and creative ways.

In Unit 2, *Language and Representation*, students will analyse the representation of ideas, attitudes and voices in texts. They will critically examine the effect of stylistic choices and the ways in which these choices position audiences and shape different perspectives. Through the creation of their own texts, students are encouraged to reflect on their language choices and consider why they have represented ideas in particular ways.

Texts for the English ATAR course include both literary and non-literary texts. The main text types studied will include fiction, non-fiction, media texts and everyday texts such as blogs, comic books and computer games

College Assessment Outlines

ATAR (Year 11)

Assessment Type	Weighting
Responding	35 %
Creating	35 %
Semester 1 Examination	15 %
Semester 2 Examination	15 %

English as an Additional Language/Dialect ATAR (Units 1 & 2)

The EALD courses are designed for students who speak another language or dialect as their first or 'home' language. EALD focuses on development of the competent use of Standard Australian English (SAE) in a range of contexts. The EALD ATAR course develops academic English skills to prepare students for tertiary study.

Eligibility for enrolment in English as an Additional Language/Dialect

The EALD ATAR course is available to students who speak English as a second language or as an additional language or dialect, and whose use of Standard Australian English is restricted. English as an Additional Language or Dialect eligibility criteria do not apply to the Year 11 period of enrolment.

The specific eligibility criteria for enrolment into the course are set out below.

The EALD course will be available to a student:

- whose first language is not English and who has not been a resident in Australia or another predominantly English speaking country for a total period of more than seven years immediately prior to 1 January of the year of enrolment into Year 12, AND for whom English has not been the main medium of communication and/or instruction for more than seven years immediately prior to 1 January of the year of enrolment into Year 12
- who is Aboriginal or Torres Strait Islander, or from Cocos Island or Christmas Island, for whom SAE has been the medium of instruction, but for whom SAE is an additional language/dialect, and whose exposure to SAE is primarily within the school context
- who is deaf or hard-of-hearing and communicates using signing, such as Auslan, as their first language
- whose first language is not English and who was born outside Australia and has had little or no formal education prior to arriving in Australia
- whose first language is not English and who was born outside Australia or in a remote part of Australia and has had a disrupted formal education whose first language is not English and who has been a resident in Australia for more than seven years prior to 1 January of the year of enrolment into Year 12, but who has had little or disrupted formal education in SAE, resulting in significant disadvantage

College Assessment Outlines

ATAR (Year 11)

Assessment Type	Weighting	Combined
Practical		
Production	70 %	
Examination	30 %	25 %
Written		
Investigation	25 %	
Response	20 %	
Production	25 %	75 %
Examination	30 %	

Humanities and Social Science

Accounting and Finance: ATAR

Business Management and Enterprise: ATAR

Economics: ATAR

Modern History: ATAR

Politics and Law: ATAR

Accounting and Finance ATAR (Units 1 & 2)

The Accounting and Finance ATAR course focuses on financial literacy and aims to provide students with the knowledge, understandings and a range of skills that enables them to make sound financial judgements. Students develop an understanding that financial decisions have far reaching consequences for individuals and business. The course will provide students with the understanding of the systems and processes through which financial practices and decision making are carried out, as well as the ethical, social and environmental issues involved. Through the preparation, examination and analysis of a variety of financial documents and systems, students develop an understanding of the fundamental principles and practices upon which accounting and financial management is based. An understanding and application of these principles and practices enables students to analyse their own financial data and that of businesses and make informed decisions, forecasts of future performance, and recommendations based on that analysis.

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Project	10 %
Tests	50%
Semester 1 Examination	15%
Semester 2 Examination	25 %

Business Management and Enterprise ATAR (Units 1 & 2)

The Business Management and Enterprise ATAR course focuses on business planning, marketing and growth, and opportunities provided for business by technology and the global environment. Students examine factors that drive international business developments, the features and traits of successful management, and how businesses operate strategically to maximise business performance in a global setting. Through the consideration of real businesses and scenarios, students develop knowledge, understanding and skills that enable them to apply financial and business literacy, analyse business opportunities, evaluate business performance, identify and create opportunities, and make sound, ethical business decisions within a business environment. The course equips students to participate proactively in the world of business, behave responsibly and demonstrate integrity in business activities.

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Tests	20 %
Case Study	30 %
Semester 1 Examination	20 %
Semester 2 Examination	30 %



Economics ATAR (Units 1 & 2)

Economics investigates the choices which all people, groups and societies face as they confront the ongoing problem of satisfying their unlimited wants with limited resources. Economics aims to understand and analyse the allocation, utilisation and distribution of scarce resources that determine our wealth and wellbeing. Economics develops the knowledge, reasoning and interpretation skills that form an important component of understanding individual, business and government behaviour at the local, national and global levels.

Students will have the opportunity to participate in the Stock Market Game. They will develop the skills to consider relevant information when making personal investment decisions.

In the first semester, students will be introduced to microeconomics and the role that markets play in determining the wellbeing of individuals and society, as well as the limitations of markets. They will explore the workings of real world markets with an emphasis on the Australian economy. In semester two students will be introduced to macroeconomics and the government's role in the economy. They will explore macroeconomic issues and problems such as economic growth, inflation and unemployment with an emphasis on the Australian economy.

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Data interpretation/Short Responses	50 %
Extended responses	30 %
Semester 1 Examination	10 %
Semester 2 Examination	10 %

Modern History ATAR

The Modern History course enables students to study the forces that have shaped today's world and provides them with a broader and deeper comprehension of the world in which they live. While the focus is on the 20th century, the course refers back to formative changes from the late 18th century onwards and encourages students to make connections with the changing world of the 21st century. Unit 1, *Understanding the Modern World*, provides an introduction to significant developments in the modern period that have defined the modern world, and the ideas that underpinned them, such as liberty, equality and fraternity. Unit 2, *Movements for Change in the 20th Century*, examines significant movements developed in response to the ideas studied in Unit 1 that brought about change in the modern world and that have been subject to political debate. The unit focuses on the ways in which individuals, groups and institutions challenge authority and transform society.

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Historical Inquiry	20 %
Explanation	25 %
Source Analysis	25 %
Semester One Examination	15 %
Semester Two Examination	15 %

Politics and Law ATAR

Politics and law is a critical study of the processes of decision making concerning society's collective future. The study of politics examines the structures and processes through which individuals and groups with different interests, beliefs and goals, deliberate and negotiate in order to make choices, respond to changing circumstances and enact laws. The study of law examines the system of laws governing the conduct of the people of a community, society or nation, in response to the need for regularity, consistency and justice based upon collective human experience.

Unit 1 Democracy and the Rule of Law, examines Australia's democratic and common law systems; a non-democratic system; and a non-common law system. Unit 2 Representation and Justice, examines representation, electoral and voting systems in Australia; justice in the Western Australian adversarial system and a non-common law system.

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Investigation	10 %
Short Answer	20 %
Essay	20 %
Source Analysis	20 %
Semester 1 Examination	15 %
Semester 2 Examination	15 %

Mathematics

Mathematics Methods: ATAR

Mathematics Specialist: ATAR

Mathematics Applications: ATAR

Mathematics Methods ATAR (Units 1 & 2)

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

Mathematics Methods provides a foundation for further studies in disciplines in which mathematics and statistics have important roles. It is also advantageous for further studies in the health and social sciences. In summary, this course is designed for students whose future pathways may involve mathematics and statistics and their applications in a range of disciplines at the tertiary level.

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Response	40 %
Investigation	20 %
Examinations	40 %

Mathematics Specialist ATAR (Units 1 & 2)

This course provides opportunities, beyond those presented in the Mathematics Methods ATAR course, to develop rigorous mathematical arguments and proofs, and to use mathematical models more extensively. Mathematics Specialist contains topics in functions and calculus that build on and deepen the ideas presented in the Mathematics Methods course, as well as demonstrate their application in many areas. The Mathematics Specialist course also extends understanding and knowledge of statistics and introduces the topics of vectors, complex numbers and matrices. Mathematics Specialist is the only ATAR mathematics course that **should not** be taken as a stand-alone course and it is recommended to be studied in conjunction with the Mathematics Methods ATAR course as preparation for entry to specialised university courses such as engineering, physical sciences and mathematics.

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Response	40 %
Investigation	20 %
Examinations	40 %

Mathematics Applications ATAR (Units 1 & 2)

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

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

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Response	40 %
Investigation	20 %
Examinations	40 %



Science

Chemistry: ATAR

Earth and Environmental Science: ATAR

Human Biology: ATAR

Physics: ATAR

Psychology: ATAR

Chemistry ATAR (Units 1 & 2)

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

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

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Practical/Investigation	15 %
Research/In Class Work	15 %
Tests	30 %
Semester 1 Exam	20 %
Semester 2 Exam	20 %

Earth and Environmental Science ATAR (Units 1 & 2)

This ATAR course explores our planet as a dynamic global system involving interactions between the geosphere, hydrosphere, atmosphere and the biosphere. A multidisciplinary approach, including geological and environmental sciences, encourages students to be curious about the world around them and to apply scientific principles to develop a balanced view of the benefits and challenges presented by the utilisation of resources. Management of environmental issues is explored, with students having opportunities to discuss issues and draw evidence-based conclusions.

Students conduct practical investigations and have the opportunity to participate in field-based excursions that encourage them to apply what they have learnt in class to real world situations. This course provides an understanding of the minerals and energy industry and its contribution to Western Australia's economy.

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Investigation	30 %
Extended Task	10 %
Test	20 %
Semester 1 Exam	20 %
Semester 2 Exam	20 %



Human Biology ATAR (Units 1 & 2)

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

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

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Practical/Investigation	20 %
Response (extended)	20 %
Tests	20 %
Semester 1 Exam	15 %
Semester 2 Exam	25 %

Physics ATAR (Units 1 & 2)

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

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

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Practical/Investigation	30 %
Tests	30 %
Semester 1 Exam	15 %
Semester 2 Exam	25 %

Psychology ATAR (Units 1 & 2)

In the Psychology ATAR course students will be introduced to psychological knowledge which supports an understanding of the way individuals function in groups. Students learn about major psychological models and theories, and the methods used to conduct scientific investigations in the discipline of psychology. Students apply research methods and ethical principles as they analyse data to illustrate how empirical procedures are used to examine phenomena, such as memory, attention, attitudes, personality and group behaviour. Acquiring this foundation of scientific method and critical thinking is a valuable skill which students can apply throughout their study, work and everyday lives.

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Investigation	20 %
Response	30 %
Project	20 %
Semester 1 Exam	10 %
Semester 2 Exam	20 %



Technologies

Computer Science: ATAR

Design: ATAR

Computer Science ATAR (Units 1 & 2)

This course teaches students the concepts and skills required to use technology in both a work environment and daily life in a technological society. Students will develop skills in creating and using spreadsheets, relational databases and basic programming. Students will also be introduced to networking concepts. The course provides students with practical and technical skills needed to pursue further study in a range of fields such as computing, education, commerce, engineering, science and architecture. It will also provide students with a set of core computing and organisational skills that will complement other subjects studied at the College.

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Project	40 %
Theory Tests	20 %
Practical Tests	10 %
Semester 1 Exam	10 %
Semester 2 Exam	20 %

Design ATAR (Units 1 & 2)

This course covers product design and cultural design. Students will create products/services, visuals and/or layouts with an understanding of the codes and conventions used in design. They will also learn how to design for different cultures or sub-cultures and are introduced to the ethical issues concerning representation. Students will use a range of software products from the Adobe suite to produce a production portfolio of their work.

College Assessment Outline

ATAR (Year 11)

Assessment Type	Weighting
Production	50 %
Extended response	30 %
Semester 1 Exam	5 %
Semester 2 Exam	15 %

VOCATIONAL EDUCATION AND TRAINING

CERTIFICATE COURSES 2015



CERTIFICATE COURSES - 2015

Certificate I in Information, Digital Media and Technology (ICA10111)

Course Content

This course aims to develop the fundamental skills that are needed by everyone who uses a computer in a personal or professional capacity.

The course is taught using Microsoft Office 2010. All lessons are conducted in a computer laboratory. The lecturer teaches the concepts and skills, and students then practice the concepts with the lecturer assisting.

This qualification is recognised Australia-wide by both training institutions and industry.

Unit Code	Unit Title	Core/Elective
ICAICT101A	Operate a personal computer	Core
ICAICT102A	Operate word-processing applications	Core
ICAICT103A	Use, communicate and search securely on the internet	Core
ICAICT104A	Use digital devices	Core
ICAICT105A	Operate spreadsheet applications	Elective
ICAICT106A	Operate presentation packages	Elective

Certificate II in Information, Digital Media and Technology (ICA20111)

Course Content

This course provides general computing and employment skills that enable participation in an information technology environment in any industry.

Participants will also develop significant skills in word processing, spread-sheets, internet, email, editing digital images, databases and operating systems using Windows and Microsoft Office 2010. This qualification is recognised Australia-wide by both training institutions and industry.

Unit Code	Unit Title	Core/Elective
BSBOHS201A	Participate in OHS processes	Core
BSBSUS201A	Participate in environmentally sustainable work practices	Core
ICAICT201A	Use computer operating systems and hardware	Core
ICAICT202A	Work and communicate effectively in an IT environment	Core
ICAICT203A	Operate application software packages	Core
ICAICT204A	Operate a digital media technology package	Core
ICAWEB201A	Use social media tools for collaboration and engagement	Core
ICAWEB201A	Use social media tools for collaboration and engagement	Core
ICPMM322C	Edit a digital image	Elective
ICPMM321C	Capture a digital image	Elective
BSBITU201A	Produce simple word processed documents	Elective
BSBITU202A	Create and use simple spread-sheets	Elective
ICAICT205A	Design organisational documents using computing packages	Elective
ICAICT207A	Integrate commercial computer packages	Elective
ICAICT210A	Operate database applications	Elective

Certificate IV in Higher Education Preparation Studies (52450WA) – Commerce

Canning College offers a Certificate IV Higher Education Preparation Studies (Commerce Stream) which provides a guaranteed pathway to the Diploma of Commerce course. The Certificate IV course is a pre-diploma course and an accelerated University entry program that provides ideal preparation for further studies at diploma or first year university level.

20 Weeks Tuition Period (500 hours tuition)			
10 Week Tuition Period	Hours	10 Week Tuition Period	Hours
Modules (Units)	Per Week	Modules (Units)	Per Week
<ul style="list-style-type: none"> English Communication CT11A Mathematics CT12A Information Technology CT13 Legal Studies CT14 Management CT15 	5	<ul style="list-style-type: none"> English Communication CT11B Mathematics CT12B Accounting CT16 Economics CT17 Marketing CT18 	5
Total Teaching Time	25 Hours	Total Teaching Time	25 Hours

Registration

Canning College is a Registered Training Organisation (RTO number 2047).

The Certificate IV is a Level four (4) course within the Australian Qualifications Framework and is considered equivalent to Year 12.

This course has been approved by the Training Accreditation Council (TAC) of WA.



On successful completion of the Certificate IV in Commerce, students receive a Record of Results and a Certificate IV certificate.

Successful students are guaranteed direct entry into the Canning College Diploma of Commerce. To be considered for admission to the Canning College Diploma of Commerce Curtin Stream, students must pass all subjects with an average of 50%.

Students can also apply for undergraduate level entry to Curtin University, Murdoch University and Edith Cowan University. In addition to completing the Certificate IV, students will also need to meet the university's undergraduate English requirement.

Successful Certificate IV graduates, depending on their results, are eligible for entry into the Canning College Diploma of Commerce UWA Stream. To be eligible, students must average 65% in the Certificate IV course, receive a minimum score of 60% in Legal Studies CT14 and pass all units at the first attempt.

Certificate IV in Academic Preparation Studies – Multidisciplinary

This program is designed to prepare students for University focused academic studies. It can lead to entry into a selection of courses at Curtin University, Edith Cowan University and Murdoch University upon successful completion of the entry requirements.

The Certificate IV Academic Preparation Studies (APS) is an academic bridging course providing an intensive semester program of study to prepare students for further education. The Certificate IV Academic Preparation Studies may be available as a semester length program beginning in Semester 2.

The Certificate IV APS consists of two core modules and three electives. The core modules develop academic communication and study skills including organisational and planning skills, academic writing skills, research and investigation techniques and knowledge of academic requirements at a tertiary level. The elective modules provide students with the opportunity to apply their academic skills in a range of course disciplines.

Diploma of Commerce Curtin Stream 52510WA. (Domestic Students)

Diploma of Commerce UWA Stream 52509WA. (Domestic Students)

Canning College offers a Diploma of Commerce Curtin Stream which provides a guaranteed pathway into Year 2 of the Bachelor of Commerce degree at Curtin University and a Diploma of Commerce UWA Stream which provides a guaranteed pathway into Year 2 of the Bachelor of Commerce degree at The University of Western Australia. The Canning College Diploma of Commerce is equivalent to first year of the Bachelor of Commerce.



Diploma of Commerce Curtin Stream (52510WA)

On successful completion of the Diploma of Commerce students receive a Record of Results and a Diploma certificate.

Successful Diploma of Commerce Curtin Stream students are guaranteed direct entry into the second year of the Bachelor of Commerce degree at Curtin University. Those who are successful in the Diploma of Commerce UWA stream are guaranteed entry into the second year of the Bachelor of Commerce degree at The University of Western Australia.

Diploma of Commerce Curtin Stream Modules		Credit Points
Core modules (6 modules)	Accounting CC10	25.0
	Business Information Systems CC10	25.0
	Business Law CC10	25.0
	Economics CC10	25.0
	Management CC10	25.0
	Marketing CC10	25.0
Elective modules - Select two modules depending on major area of study (2 modules)	Accounting (Financial) CC20	25.0
	Accounting (Managerial) CC20	25.0
	Business Statistics CC20	25.0
	Consumer Behaviour CC20	25.0
	Finance (Quantitative Techniques) CC20	25.0
	Introduction to Finance CC20	25.0
	Macroeconomics CC20	25.0
	Organisational Behaviour CC20	25.0
	Public Relations (Principles) CC20	25.0

Diploma of Commerce UWA Stream (52509WA)

Diploma of Commerce UWA Stream Modules		Credit Points
Core modules (4 modules)	Economics CC10	6.0
	Financial Accounting CC11	6.0
	Management CC10	6.0
	Marketing CC10	6.0
Elective modules - Select four modules depending on major area of study (4 modules)	Business Information Systems CC10	6.0
	Business Law CC10	6.0
	Business Statistics CC20	6.0
	Communication Studies CC11	6.0
	Consumer Behaviour CC20	6.0
	Finance (Quantitative Techniques) CC20	6.0
	Introduction to Finance CC12	6.0
	Macroeconomics CC20	6.0
	Organisational Behaviour CC20	6.0
	Public Relations (Principles) CC20	6.0

Registration

Canning College is a Registered Training Organisation (RTO number 2047).

The Diploma of Commerce is a Level Five (5) course within the Australian Qualifications Framework.



General Note -2015

1. Canning College Attendance and Good Standing

All students will commence their program with “Good Standing”. Good Standing requires:

- Satisfactory attendance and punctuality.
- Satisfactory participation in the subject.
- Appropriate behaviour and assessment completion.

If for any reason, Good Standing is withdrawn Post Compulsory students may not be permitted to re-enrol at the college for a period of one year (12 months) from the date of loss of Good Standing.

(Refer to Canning College website for full policy www.canningcollege.wa.edu.au)

2. Grades and Numerical Assessments

Teachers collect information on the performance of their students from the beginning of the year. This information is based on such things as semester examinations, classroom tests, in-class work, assignments and practical work. The College submits your results, based on this information, to the SCSA.

For WACE courses teachers will submit to the SCSA a mark between 0 and 100 and a grade (A, B, C, D or E). This numerical school assessment, after adjustment, is combined with the examination mark for each course. To be eligible for a grade (and numerical) assessment for courses in SCSA accredited courses, a student must remain enrolled in the subject to the completion of the scheduled teaching program and attempt all tasks in the course assessment schedule.

Students who intend to sit as a private candidate cannot remain enrolled in that course at the College.

3. Moderation of Grades and Numerical School Assessments

To ensure comparability of assessment by teachers within and between schools all submitted marks are subject to a process of moderation. The aim of moderation is to ensure that a student will not be advantaged or disadvantaged when compared to a student from a different school studying the same course.

During the school year several procedures are used to ensure that the grades awarded in Accredited Courses are comparable. Teachers assess student work in accordance with guidelines issued by the SCSA.

It is not possible to equate the grade obtained in one course with the same grade in another course.

The combined score for the Australian Entrance Rank (ATAR) is obtained by combining the moderated and standardised numerical school assessment and the standardised examination mark in that course.



4. ATAR Examinations

When you enrol in a Year 12 ATAR course you will be automatically enrolled to sit the ATAR exam in that course.

WACE examination for courses is compulsory for all students studying paired units at Stage 3 and is optional for Stage 2.

For the determination of your ATAR an increment of 15 marks is added to all Stage 3 WACE course scores. This only applies to Year 12 students studying a Stage 3 course in 2015. In Mathematics courses this increment varies. Please refer to the Mathematics section for details.

STUDENTS SEEKING UNIVERSITY ENTRANCE ARE STRONGLY ADVISED TO STUDY COURSES AT STAGE 3.

General Information

Enrolment for 2015 Courses

Enrolments will be by appointment with a student advisor. Please telephone the College on 9351 5600 for an appointment from the 17th November. For January enrolments, advisors are available to answer enquiries from the 5th January 2015.

Fee Information 2015

All Year 11 and 12 courses are based on a course fee of \$101 per course PLUS additional resource fees if applicable.

This fee is for the year.

Subject(WACE, ATAR, General)	Additional Fee	For:	Total:
Accounting & Finance	\$10	Materials	\$111
Business Management&	\$15	Materials	\$116
Computer Science	\$15	Printed Materials	\$116
Design	\$20	Materials	\$121
EAL/D Course	\$15	Printed Materials	\$116
Earth and Environmental Science	\$25	Resource Materials	\$126
Economics	\$20	Printed Materials	\$121
English Courses	\$20	Printed Materials	\$121
History	\$45	Extra Book Hire	\$146
Mathematics Courses	\$15	Materials	\$116
Politics and Law	\$20	Printed Materials	\$121
Psychology	\$20	Printed Materials	\$121
Science Courses(not Flying Start)	\$35	Resource Materials	\$136
Certificate I Information Technology(ICA10111)	\$15	Resource Materials	\$116
Certificate II Information Technology(ICA20111)	\$15	Resource Materials	\$116
Certificate II Business(BSB20111)	\$15	Resource Materials	\$116
Certificate IV –APS(52566WA)	\$65	Per module(5)	\$335
Certificate IV- HEPS(52450WA)	\$55	Per module(10)	\$545

All students over the age of 18 at the time of enrolment must complete a **National Police History Check. Cost \$46.**

Government Financial Assistance

Students wishing to obtain a government allowance must be classified as full-time students, ie be enrolled in at least FOUR courses or three if enrolled in April Start.

Do not assume you are eligible for an allowance. Make enquiries well before enrolling. Information is available on the Centrelink website www.centrelink.gov.au. Centrelink can be contacted by telephone on 13 24 90. Applications can then be completed once enrolment has occurred.

Refund Policy

Pro rata refunds of course fees will only be made if a student withdraws from a course within six weeks of the commencement of a year long, April Start or semester long course. If you avail yourself of the early enrolment system your enrolment will be assumed to have commenced from the first day of your course.

Where a student withdraws to take up a University or State Training Provider(TAFE) offer **prior** to the commencement of a semester a full refund (less \$20.00 administration fee) will apply on production of the appropriate offer documents. This is for Semester 1 only.

Withdrawal Deadline	Normal Date, Term 1	Refund Percentage (less admin fee \$20)
Before first day of Term 1	Friday 30 th January	100 %
Within 3 weeks of commencement	Friday 20 th February	75 %
Within 6 weeks of commencement	Friday 13 th March	50 %
After 6 weeks from commencement	After 13 th March	0 %

There is no refund of fees if a student has their enrolment terminated.

Textbooks and Equipment

Teachers will advise of any textbook or equipment requirements during your first lesson.

Helpful Websites

More information on Canning College	www.canningcollege.wa.edu.au
Detailed information on WACE course	www.scsa.wa.edu.au
University admission	www.tisc.edu.au
Admission to State Training Providers qualifications	www.training.wa.gov.au

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