## Western Australian Certificate of Education (WACE) Requirements

**In order for students to be eligible for a WACE, they must satisfy the following requirements**

| General Requirements | • Demonstrate a minimum standard of literacy and a minimum standard of numeracy based on the skills regarded as essential for individuals to meet the demands of everyday life and work in a knowledge-based economy  
• Complete a minimum of 20 units or equivalents as described below  
• 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/English/Languages/Social Sciences) and List B (Mathematics/Science/Technology). |
| Achievement Standard | Students will be required to achieve 14 C grades (or equivalent, see below) in Year 11 and Year 12 units, including at least six C grades in Year 12 units (or equivalents).  
Unit equivalents can be obtained through VET programs and/or endorsed programs. The maximum unit equivalence available through these programs is eight units – four Year 11 units and four Year 12 units. Students may obtain unit equivalents as follows:  
• up to eight unit equivalents through completion of VET programs or,  
• up to eight unit equivalents through completion of endorsed programs, or  
• up to eight unit equivalents through a combination of VET and endorsed programs, but with endorsed programs contributing no more than four unit equivalents.  

The amount of unit equivalence allocated to VET and endorsed programs is as follows:  
• VET qualifications  
  o Certificate I is equivalent to two Year 11 units  
  o Certificate II is equivalent to two Year 11 and two Year 12 units  
  o Certificate III or higher is equivalent to two Year 11 and four Year 12 units  
• Endorsed programs – unit equivalence is identified on the Authority’s approved list of endorsed programs. |
| Examinations | All students studying an ATAR course during Year 12 are required to sit the external WACE examination for that course. Practical and performance examinations are conducted in addition to written examinations for some courses. |
NEW WACE 2017-2018
Courses in Year 11 and 12

Typically, students will embark on one of two pathways across Year 11 and 12:

**Pathway One**

ATAR—students choose five or six ATAR courses with the aim of achieving a university placement.

**Pathway Two**

General—Students choose five General courses and enrol in a Certificate II or higher Vocational Education and Training course.

The courses are arranged as paired semester length units. In Year 11, a student would typically study two units of a chosen course in one academic year. In Year 12, a student must study two paired units that comprise a year long course.

All ATAR and General Courses demonstrate an increasing level of complexity from Year 11 (Units 1 and 2) to Year 12 (units 3 and 4)

**Foundation Courses**

Students who have achieved less than Band 9 in NAPLAN writing, language and conventions, reading and numeracy and have not met the minimum standard in the Online Literacy and / or Numeracy test (OLNA) will enrol in Foundation courses in semester one Year 11.

If, in semester one, students meet the minimum standard in the OLNA they will reselect General units for semester two.

Students who enrol in Foundation courses will also select a Certificate II or higher Vocational Education and Training Courses.

INCREASING DIFFICULTY— FOUNDATION TO ATAR
Minimum Entry Requirement 2017-2018

- Minimum Entry Requirement (MER) refers to the standard of academic performance that students need to achieve to demonstrate their aptitude and/or suitability for a particular course. Minimum Entry Requirements for specific courses are determined through the analysis of historical data, case studies and consideration of the complexity of course content.

- The concept of Minimum Entry Requirements is common in educational contexts, including university and TrainingWA enrolments. Stating Minimum Entry Requirements for Years 11 and 12 courses is regarded as standard practice in Western Australian schools, and is supported by the Department of Education.

- The purpose of Minimum Entry Requirements is to clearly indicate the rigor and academic standards of each course. They serve to guide students and parents in the course selection process, so that students choose courses that are appropriate for their academic abilities. The Minimum Entry Requirements are provided to support students to be successful in Years 11 and 12 courses.

- Minimum Entry Requirements throughout the 2017 Handbook are expressed in grades. The other desirable attributes may also be described in the 'Additional Information' notes.

- The following table outlines the standards of student performance that would be expected in Years 9 and 10, to enter pathways in Years 11 and 12. This is included courtesy of the Secondary Pathways and Transitions Team, Department of Education.

**Typically....**

<table>
<thead>
<tr>
<th>Year 9</th>
<th>Year 10</th>
<th>Year 11 &amp; Year 12</th>
<th>Post School Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>High As Average</td>
<td>Low A or B Average</td>
<td>Units 1-4 ATAR Courses</td>
<td>University</td>
</tr>
<tr>
<td>NAPLAN Band 9/10</td>
<td>NAPLAN Band 7/8</td>
<td>ATAR or General courses &amp; higher level Certs</td>
<td>University or Training WA Apprenticeship ECU, ND</td>
</tr>
<tr>
<td>Low B or C Average</td>
<td>Low B or C Average</td>
<td>General Courses/ VET or Units 1-4 Foundation Courses As necessary</td>
<td>Training WA Traineeships Employment</td>
</tr>
</tbody>
</table>
For a student to achieve a WACE in 2017 and beyond, the student must complete, in the final year (Year 12), at least one course from each of the following lists. For this purpose, completion of a course means that the student has:

- Received a grade in a course in the final year of senior secondary schooling in that course
- Made a genuine attempt in the examination for that course

**List A**
(Arts/Languages/Social Sciences)
- CAE Career and Enterprise
- CFC Children, Family and Community
- DAN Dance
- DRA Drama
- ENG English (and Foundation English)
- GEO Geography
- HEA Health Studies
- MPA Media Production and Analysis
- HIM Modern History
- VAR Visual Arts

**List B**
(Mathematics/Science/Technology)
- AIT Applied Information Technology
- AET Automotive Engineering and Technology
- BCN Building and Construction
- CHE Chemistry
- DESP Design Photography
- DEST Design Technical Graphics
- FST Food Science and Technology
- HBY Human Biology
- MMS Marine and Maritime Studies
- MDT Materials Design and Technology—Metals
- MDT Materials Design and Technology—Wood
- MATF Foundation Mathematics
- MAA Mathematics: Applications
- MAE Mathematics: Essential
- MAM Mathematics: Methods
- OED Outdoor Education
- PES Physical Education Studies
- PHY Physics

**Please note:**
- It is very important when selecting a course that attention is paid to Minimum Entry Requirements.
Chemistry

Year: 11  
Code: A1CHE ; A2CHE

Minimum Entry Requirement

- B grade for Chemical Science in Year 10 ATAR Pathway
- C Grade in Year 10 English

Curriculum Focus

Chemistry is the study of materials and substances and the transformations they undergo through interactions and the transfer of energy. Chemists can use an understanding of chemical structures and processes to adapt, control and manipulate systems to meet particular economic, environmental and social needs. This includes addressing the global challenges of climate change and security of water, food and energy supplies, and designing processes to maximise the efficient use of Earth’s finite resources. Chemistry develops students’ understanding of the key chemical concepts and models of structure, bonding, and chemical change, including the role of chemical, electrical and thermal energy. Students learn how models of structure and bonding enable chemists to predict properties and reactions and to adapt these for particular purposes.

Students explore key concepts and models through active inquiry into phenomena and through contexts that exemplify the role of chemistry and chemists in society. Students design and conduct qualitative and quantitative investigations both individually and collaboratively. They investigate questions and hypotheses, manipulate variables, analyse data, evaluate claims, solve problems and develop and communicate evidence-based arguments and models. Thinking in chemistry involves using differing scales, including macro, micro and nano-scales; using specialised representations such as chemical symbols and equations; and being creative when designing new materials or models of chemical systems. The study of chemistry provides a foundation for undertaking investigations in a wide range of scientific fields and often provides the unifying link across interdisciplinary studies.

Course Content

A1CHE  Chemical fundamentals: structure, properties & reactions
- The atomic model and models of bonding
- The structure and properties of elements and compounds
- The concept of enthalpy and its application this to qualitatively and quantitatively describe and explain energy changes in chemical reactions
- How models and theories have developed based on evidence from a range of sources, and the uses and limitations of chemical knowledge in a range of contexts
- Science inquiry skills to design, conduct, evaluate and communicate investigations into the properties of elements, compounds and mixtures and the energy changes involved in chemical reactions

A2CHE  Molecular interactions and reactions
- How models of the shape and structure of molecules and intermolecular forces can be used to explain the properties of substances, including the solubility of substances in water
- How kinetic theory can be used to explain the behaviour of gaseous systems, and how collision theory can be used to explain and predict the effect of varying conditions on the rate of reaction
- Science inquiry skills to design, conduct, evaluate and communicate investigations into the properties and behaviour of gases, water, aqueous solutions and acids and bases, and into the factors that affect the rate of chemical reactions
- Evaluate with reference to empirical evidence, claims about chemical properties, structures and reactions

Additional Information

Due to its mathematical content, students need to satisfy the minimum entry requirements needed to enrol in a Year 11 Mathematics course that can lead to university studies.
English

Year: 11  
Code: A1ENG ; A2ENG

Minimum Entry Requirement
• B grade or higher for English in Year 10

Scope of the Curriculum:
The English ATAR course focuses on developing students’ analytical, creative and critical thinking and communication skills in all language modes. 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. Such engagement helps students develop a sense of themselves, their world and their place in it.

Course Content
A1ENG
Students explore how meaning is communicated through the relationships between language, text, purpose, context and audience. This includes how language and texts are shaped by their purpose, audience and the contexts in which they are created and received. Through responding to and creating texts, students consider how language, structure and conventions operate in a variety of texts. Study in this unit focuses on the similarities and differences between texts and how visual elements combine with spoken and written elements to create meaning. Students are able to respond to texts in a variety of ways, creating their own texts, and reflecting on their own learning.

A2ENG
Students analyse the representation of ideas, attitudes and voices in texts and consider how texts represent the world and human experience. How language and structural choices shape perspectives in a range of contexts is central to this unit. By responding to and creating texts in different modes and media, students consider interpretive, persuasive and analytical elements in a range of texts and present their own analyses.

Additional Information
This course requires strong ability to write for a range of purposes and audiences.

Geography

Year: 11  
Code: A1GEO ; A2GEO

Minimum Entry Requirement
• A/B grade for HASS in Year 10

Curriculum Focus
In the Geography ATAR course, students investigate geographical issues and phenomena across a variety of scales and contexts. Geography as a discipline values imagination, creativity and speculation. It provides a systematic way of exploring, analysing and applying the concepts of place, space, environment, interconnection, sustainability, scale and change. These principal geographical concepts are applied and explored in depth through unit topics to provide a deeper knowledge and understanding of the complex processes shaping our world.

Course Content
A1GEO – Natural and ecological hazards
In this unit, students explore the management of hazards and the risk they pose to people and environments. Risk management is defined in terms of preparedness, mitigation and/or prevention.

A2GEO—Global networks and interconnections
In this unit, students explore the economic and cultural transformations taking place in the world – the spatial outcomes of these processes and their social and geopolitical consequences – that will enable them to better understand the dynamic nature of the world in which they live.

Additional Information
• Ability to gather and collect information from various sources
• Able to express ideas in written and oral forms
• Understanding spacial concepts such as photos, atlases and maps
JTC WACE Course Information Year 11 ATAR continued

**Health Studies**

**Year:** 11  
**Code:** A1HEA ; A2HEA

**Minimum Entry Requirement**
- B grade for English and Health in Year 10

**Curriculum Focus**

The Health Studies ATAR course focuses on the study of health and its impact on quality of life. Students undertaking the course will develop knowledge and skills required to promote individual and community health.

Students will study the social, environmental, economic and behavioural determinants of health and how these can influence their own and others health. They will also look at how beliefs, attitudes and values influence health behaviour and decision making skills.

Using an inquiry process, students draw on their knowledge of health concepts and investigate health issues that interest them, whilst developing research skills they will be able to apply to a range of health issues or concerns.

**Course Content**

**A1HEA**

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

**A2HEA**

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

**Additional Information**

- This course requires you to work independently at times, completing research and assessment tasks
- The ability to work in teams as a productive member and some public speaking to small groups of people
- Strong computer literacy skills are required to complete most of the research assessment tasks

**Human Biological Science**

**Year:** 11  
**Code:** A1HBS ; A2HBS

**Minimum Entry Requirement:**
- B grade for Biological Sciences in Year 10 ATAR Pathway
- C Grade in Year 10 English

**Curriculum Focus**

Human Biology covers a wide range of ideas relating to the functioning human. Students learn about themselves, relating structure to function and how integrated regulation allows individuals to survive in a changing environment. They research new discoveries that are increasing our understanding of the causes of dysfunction, which can lead to new treatments and preventative measures. Reproduction is studied to understand the sources of variation that make each of us unique individuals. Through a combination of classical genetics, and advances in molecular genetics, dynamic new biotechnological processes have resulted. Population genetics is studied to highlight the longer term changes leading to natural selection and evolution of our species.

As a science, the subject matter of this course is founded on knowledge and understanding that has been gained through systematic inquiry and scientific research. However, this knowledge is far from complete and is being modified and expanded as new discoveries and advancements are made. Students develop their understanding of the cumulative and evolving nature of scientific knowledge and the ways in which such knowledge is obtained through scientific investigations. They learn to think critically, to evaluate evidence, to solve problems and to communicate understandings.
Course Content

A1HBY The functioning human body
This unit looks at how human structure and function supports cellular metabolism and how lifestyle choices affect body functioning
- Cells and tissues
- Metabolism and biochemical processes such as cellular respiration, formation of ATP and enzyme function
- Body systems - respiratory, circulatory, lymphatic, digestive, musculoskeletal and the excretory

A2HBY Reproduction and Inheritance
- Structure and function of DNA
- Protein synthesis
- Epigenetics
- Cell reproduction – mitosis and meiosis
- Human reproduction – male and female reproductive systems
- Types of inheritance
- DNA profiling.

Mathematics Applications

Year: 11  Code: A1MAA; A2MAA

Minimum Entry Requirement
• C grade for Mathematics in Year 10

Curriculum Focus
Mathematics Applications is an ATAR course which focuses on:
• the topic areas of number and algebra, geometry and trigonometry, graphs and networks, and statistics
• the ability to solve real world problems
• reasoning and interpretive skills in mathematical and statistical contexts
• the capacity to communicate the results of an activity in a concise and systematic manner using appropriate mathematical and statistical language

Course Content

A1MAA
This units covers;
• Consumer arithmetic – including rates and percentage change in the context of earning and managing money, and the use of spread sheets in real life situations
• Algebra and matrices – including substitution into formula and the use of spreadsheets and the use of technology. The introduction of matrices to store and display information which model and solve problems in everyday life
• Shape and measurement - including the use of Pythagoras’ Theorem to solve practical problems. Calculations of volumes and surface area in practical situations and the use of similarity and scale factors to solve linear scaling
A2MAA
This unit covers;
• Data analysis and the statistical investigation - developing students’ ability to organise and summarise univariate data in the context of conducting a statistical investigation
• Applications of trigonometry - extending students’ knowledge of trigonometry to solve practical problems involving non-right angle triangles in both two and three dimensions, including problems involving the use of angles of elevation and depression and bearings in navigation
• The use of linear equations and their graphs, linear piece-wise and step graphs, to model and analyse practical situations

Mathematics Methods

Year: 11  
Code: A1MAM; A2MAM

Minimum Entry Requirement:
• A/B grade for Mathematics in Year 10

Curriculum Focus
This course focuses on the use of calculus and statistical analysis, algebra including exponentials, logarithms and their graphs as well as arithmetic, geometric sequences and their applications. The study of calculus provides a basis for understanding rates of change in the physical world, and includes the use of functions, their derivatives and integrals in modelling physical processes. The study of statistics develops students’ ability to describe and analyse phenomena that involve uncertainty and variation.

Course Content
A1MAM
This unit covers;
• Functions and graphs – algebraic concepts and techniques required for the study of functions and calculus are reviewed
• Relationships between variable quantities and the key concepts of functions and graphs, trigonometric functions and the concept of the unit circle using degrees and radians are introduced
• Trigonometry of non-right angle triangles and their applications are investigated. Trigonometric functions and their applications in a wide range of settings are explored
• Counting and probability—introduction of counting techniques and the concepts of conditional probability and independence

A2MAM
This unit covers;
• Exponential functions—the properties and graphs of the exponential functions are introduced and examined
• Arithmetic and geometric sequences and series—the sequences are introduced and their recursive definitions are applied
• Introduction to differential calculus—rates and average rates of change and derivatives are introduced, derivatives of simple polynomial functions, applications of derivatives, slopes and equations of tangents, instantaneous velocities and the solution of optimisation problems

Additional Information
This course is suitable for students who have strong ability and interest in Mathematics
JTC WACE Course Information Year 11 ATAR continued

Media Production & Analysis

Year: 11  
Code: A1MPA ; A2MPA

Minimum Entry Requirement:
• B grade or higher for English in Year 10

Curriculum Focus
The Media Production and Analysis ATAR course aims to prepare all students for a future in a digital and interconnected world by providing the skills, knowledge and understandings to tell their own stories and interpret the stories of others. Students learn the languages of media communication and how media is constructed and they are encouraged to explore, experiment and interpret the world around them. Students as users and creators of media products, consider the important role of audiences and their context.

Course Content
A1MPA Popular Culture
Students analyse, view, listen to and interact with a range of popular media, develop their own ideas, learn production skills and apply their understandings and skills in creating their own productions.

A2MPA Journalism
In this unit students will further their understanding of journalistic media. Students will analyse, view, listen to and interact with a range of journalistic genres and they undertake more extensive research into the representation and reporting of groups and issues within media work.

Additional Information
• Ability to work in a team for a common purpose
• Ability to work independently on tasks
• Interest in television, mass print and popular culture

Modern History

Year: 11  
Code: A1HIM ; A2HIM

Minimum Entry Requirement:
• B grade or higher for HASS in Year 10

Curriculum Focus
The Modern History ATAR course enables students to study the forces that have shaped today's world and provides them with a broader and deeper understanding of the world in which they live. While the focus is on the 20th century, the course refers back to changes from the late 18th century onwards and encourages students to make connections with the changing world of the 21st century.

Modern history enhances students' curiosity and imagination and their appreciation of larger themes, individuals, movements, events and ideas that have shaped the contemporary world. Students are introduced to the complexities of evidence, its expanding quantity, range and form; characteristics of modern historical representation; and the skills that are required to investigate controversial issues.

Course Content
A1HIM Understanding the Modern World
This unit 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.

A2HIM Movements for change in the 20th century
This unit 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.

Additional Information
• Ability to present an argument
• Analytical skills
• Research and writing skills
Outdoor Education

Year: 11  
Code: A1OED ; A2OED

Minimum Entry Requirement:
- Able to swim 200m in open water
- C grade for English in Year 10

Curriculum Focus
Through interaction with the natural world, the Outdoor Education ATAR course aims to develop an understanding of our relationships with the environment, others and ourselves. The ultimate goal of the course is to contribute towards a sustainable world.

The Outdoor Education ATAR course is based on the experiential learning cycle. This cycle is made up of three stages; plan, do and review. Students plan for outdoor experiences, participate in the experiences and reflect on their involvement.

Course Content
Units in this course are designed to be developmental, with students building their core skills and understandings. Each of the ATAR OED units cover core content, which includes

Outdoor Experiences
- Expedition planning
- Skills and Practices: roping, camping, canoeing, navigation, bushwalking, abseiling, sea kayaking and caving

Self and Others
- Personal skills, decision making, journal writing
- Group development stages, skills for developing an effective group
- Leadership: styles, briefing

Environmental Awareness
- Living and non-living features of environments
- Weather
- Respecting and being comfortable in nature
- Environmental management
- Leave no trace

A1OED
In this unit, students will focus on the areas of roping, camping, canoeing and navigation.

A2OED
In this unit, students will focus on the areas of Bushwalking, abseiling, sea kayaking and caving.

Additional Information
There are two three day expeditions in year 11 and students must attend these expeditions. The first costs $30 and involves canoeing, bushwalking and navigation. The second expedition involves abseiling and caving in the south west. The cost of the second expedition is $80

Students are expected to purchase a school rash vest to be worn for the canoeing and sea kayaking lessons. Many practical lessons are conducted off site at suitable venues around Mandurah.
Physics

Year: 11  
Code: A1PHY ; A2PHY

Minimum Entry Requirement
- A Grade for Year 10 Mathematics
- B Grade for Physical Science in Year 10 ATAR Pathway
- C Grade for Year 10 English

Curriculum Focus:
Physics is a fundamental science that endeavours to explain all the natural phenomena that occur in the universe. Its power lies in the use of a comparatively small number of assumptions, models, laws and theories to explain a wide range of phenomena, from the incredibly small to the incredibly large. Physics has helped to unlock the mysteries of the universe and provides the foundation of understanding upon which modern technologies and all other sciences are based.

The Physics ATAR course uses qualitative and quantitative models and theories based on physical laws to visualise, explain and predict physical phenomena. Models, laws and theories are developed from, and their predictions are tested by, making observations and quantitative measurements. In this course, students gather, analyse and interpret primary and secondary data to investigate a range of phenomena and technologies using some of the most important models, laws and theories of physics, including the kinetic particle model, the atomic model, electromagnetic theory, and the laws of classical mechanics.

Course Content
A1PHY
This unit covers the following topics;
- Heating processes, nuclear reactions, and electricity
- Exploration of the ways physics is used to describe, explain and predict energy transfers and transformations that are important to modern industrial societies
- Investigation of heating processes and application of the nuclear model of the atom to investigate radioactivity
- Learn how nuclear reactions convert mass into energy
- Examine the movement of electrical charge in circuits and use this to analyse, explain and predict electrical phenomena.

A2PHY
This unit covers the following topics;
- Newton’s Laws of Motion describing the relationship between the forces acting on an object and its motion
- Transfer of energy by waves and that a wave model can be used to explain the behaviour of sound
- How scientific models and theories have developed and are applied to improve existing, and develop new technologies
- Science inquiry skills to design, conduct and analyse safe and effective investigations into linear motion and wave phenomena, and to communicate methods and findings
- How algebraic and graphical representations are used to calculate, analyse and predict measurable quantities associated with linear and wave motion.

Additional Information
Due to its mathematical content, students need to satisfy the entry requirements needed to enrol in a Year 11 Mathematics course that can lead to university studies. A strong ability in Mathematics is central to success in this course.
JTC WACE Course Information Year 11 General

Applied Information Technology

Year: 11  
Code: G1AIT ; G2AIT

Minimum Entry Requirement
• C grade for English in Year 10

Other Necessary Skills
• Interest in computing and software applications

Curriculum Focus
This course provides students with skills and knowledge to meet personal and workplace technology needs including information technology safely and improving productivity and efficiency in the design and creation of solutions relating to communications.

Course Content
G1AIT
The focus for this unit is personal communication and using technology to meet personal computing needs. Students investigate how individuals use information technology in their daily lives, and develop a range of skills that enable them to communicate using appropriate technologies.

G2AIT
The focus for this unit is work readiness and using technology commonly required in the operation of a small office environment. Students investigate the computing equipment, common computer applications and the work skills required to effectively operate in an employment context.

Automotive Engineering & Technology

Year: 11  
Code: G1AET ; G2AET

Minimum Entry Requirement
• C grade for English and Mathematics in Year 10
• Demonstrated self management skills

Other Necessary Skills
• Interest in working with engines, motors and vehicles
• Ability to accept responsibilities and work as part of a team
• Discipline to bring the required Personal Protective Equipment & Clothing to every workshop session

Curriculum Focus
Students develop an understanding of automotive vehicles and basic principles and systems. They will develop safe workshop practices and correct use of tools. The course will involve the use of a variety of teaching aids: stationary motors, motor bikes, marine engines and vehicles. As students develop knowledge and skills they will service, maintain and repair different sub systems.

Course Content
G1AET - Automotive mechanics
• Principles
• Maintain and Repair
• Systems

G2AET—Automotive Industry
• Rules and Regulations
• Social economic and environmental implications
• Design

Additional Information
Skills and knowledge covered in this course will provide a transferable skill set that can be used in the wider world of the workplace and provide a basis for lifelong learning.

COMPULSORY
OHS & PPE (Personal Protective Equipment) student requirements are:
• Clear safety glasses (AS 1336 or above)
• Safety cap work boots that cover ankles (AS2210 or above)
• Drill cotton industrial trousers and long sleeve shirt
• Restrain long hair and no jewellery

PE (Personal Protective Equipment) requirements are compulsory for this subject. Students not prepared to comply will not be able to participate in this course. It is the responsibility of the student to purchase their own PPE.
Building & Construction

Year: 11  
Code: G1BCN; G2BCN

Minimum Entry Requirement  
• C grade for English and Maths in Year 10

Curriculum Focus  
This course develops students’ knowledge and practical skills in building technologies in one of the biggest industries in Western Australia. In achieving the course outcomes, students learn and practice building processes and technologies, principles of design, planning and project management. This course leads to employment options, further vocational education and industry training.

Course Content  
Using a variety of industry standard tools and equipment within the best school facilities state wide, this course is based upon three core disciplines:  
• Timber carpentry and woodworking such as jointing, model projects, timber framing, formwork and cladding.  
• Masonry work such as bricklaying, limestone block-laying, concreting, paving, plaster board fixing, rendering, and ceramic tiling.  
• Metalworking such as electric welding, beading, model projects, and construction ironworking.

COMPULSORY OHS & PPE (Personal Protective Equipment) student requirements are:  
• Clear safety glasses (AS 1336 or above)  
• Safety cap work boots that cover ankles (AS2210 or above)  
• Drill cotton industrial trousers and long sleeve shirt  
• Restrain long hair and no jewellery  
PE (Personal Protective Equipment) requirements are compulsory for this subject. Students not prepared to comply will not be able to participate in this course. It is the responsibility of the student to purchase their own PPE.

Additional Requirements:  
• The patience to practise and learn practical hands-on skills  
• The ability to problem solve; design, plan and manage calculated solutions  
• The capability to work either individually or as an effective member of a team  
• The personal discipline to follow the OHS regulations of every situation

Occupational Health and Safety  
It is the responsibility of the student to purchase, maintain and bring to class their own compulsory Personal Protective Equipment. Students not prepared to comply with any OHS regulations will not be able to participate in this course.

Note  
A budget deal with two local suppliers has been in place for several years in order to keep buying costs down for students. Please ask for the form.
Children, Family & Community - Caring for Others

Year: 11  
Code: G1CFCC ; G2CFCC

Minimum Entry Requirement
• C grade for English in Year 10

Curriculum Focus
In this course students will learn about various aspects of family and community and issues that can influence development. These include;
• Growth and development of children
• Family types
• Services to assist the family
• Meeting the needs of children and families
• Social and ethical issues linked to rights, responsibilities, laws and relationships
• Safety and security of children and families
• Impact of lifestyle behaviors
• The concept of sustainable living

Course Content
G1CFCC
Focuses on the family uniqueness where students examine the role of the family and various groupings’ similarities and differences. Students design and produce products that meet the needs of children, families and the community.

G2CFCC
Focuses on the health of individuals and communities through an examination of biological and environmental factors and the influences of lifestyle behaviors. Through the experience of running a playgroup, students improve their decision making and teamwork skills.

Additional Information
Students have to work in teams in a well organized manner
Career and Enterprise

Year: 11  
Code: G1CAE ; G2CAE

Minimum Entry Requirements
- C Grade for English in Year 10

Curriculum Focus
The course reflects the importance of career development knowledge, understanding and skills in securing, creating and sustaining work. Work, including unpaid voluntary work, is fundamentally important in defining the way we live, relate to others and in determining the opportunities we have throughout life. The world of work is complex and constantly changing. The course recognises that work both reflects and shapes the culture and values of our society.

Course Content
G1CAE
This unit enables students to increase their knowledge of work and career choices and identify a network of people and organisations that can help with school to work transitions.

G2CAE
This unit explores the attributes and skills necessary for employment and provides students with the opportunity to identify their personal strengths and interests and the impact of these on career development opportunities and decisions.

The content is divided into six areas:
- Learning to learn
- Work skills
- Entrepreneurial behaviours
- Career development and management
- The nature of work
- Gaining and keeping work

Additional Information
Students may choose 1ADWPL (endorsed program) to complement their CAE course.

Dance

Year: 11  
Code: G1DAN & G2DAN

Minimum Entry Requirement
- A/ B grade for Dance in Year 9/10
- Genuine interest in dance and being physically active
- C grade for English in Year 10

Curriculum Focus:
This course provides a practical focus on modern dance styles and technique.

Course Content
G1DAN
- Modern and Contemporary Dance
- History of dance

G2DAN
- Choreography
- Physical anatomy involved in dance
- YOHFEST

- Ability to be able to reflect on learning through written format
- Ability to work in and commit to a group process
- Be prepared to perform in front of others

Additional Information
- A willingness to participate in a range of physical activities
- Confidence in performance
Design - Photography

Year: 11  
Code: G1DESP; G2DESP

Minimum Entry Requirement
• Minimum of C grade for English in Year 10

Curriculum Focus
This course is suited to those who are highly motivated and have a keen interest in Photography and Design. This course equips students with the knowledge and skill to understand and interpret design through the medium of photography. The photography context of this course will enable students to learn fundamental photographic and design skills, techniques, and practices within a modern, vibrant and exciting teaching environment.

Course Content
G1DESP Design Fundamentals
The focus of this unit is to introduce design process and practice. Students learn that design can be used to provide solutions to design problems and communication needs. They are introduced to basic design skills and a range of techniques within a defined context to demonstrate control over the elements and principles of design.

Students will develop skills and knowledge in each of the following
• Digital SLR cameras fundamentals
• image management in a digital environment
• explore camera techniques and practical project work to produce high quality photographic images
• design fundamentals
• copyright and introduction to colour basics
• historical aspects of the photographic process
• understanding of focal length
• depth of field and photographic design elements
• Photoshop fundamentals and techniques

G2DESP Personal Design
Students learn that they visually communicate aspects of their personality, values and beliefs through their affirmations and their manipulation of personal surroundings and environments. Students explore design elements and principles and the design process in more detail.

Students will develop skills and knowledge in each of the following
• Studio photography - Portraiture, Field Photography activities
• using shutter speeds to capture motion
• exploring personal design concepts
• graphic art concepts and design

Additional Information
Students need to be prepared to undertake additional class work in their own time including photography, research and other course related homework, of approximately 2-3 hours per week. Students will also need good time management and organizational skills.

Ideally students need to have a sound basic computer skills and some skills in Photoshop would be advantageous but not essential.
Design - Technical Graphics

Year: 11  
Code: G1DEST; G2DEST

Minimum Entry Requirement:
- C grade for English and Mathematics

Curriculum Focus
Students are introduced to the design process and practice so it can be used to provide solutions to design problems. Introductory sketching techniques and computer assisted drawing software are utilised to communicate their design ideas. Students will use both Laser cutting technology and Vinyl cutting to complete personal designs. Software utilised for the program will assist the less experienced students and at the same time is powerful enough to extend the most capable design student.

Course Content
G1DEST Design Fundamentals
- Introductory sketching techniques
- Design Principles
- Elements of Design
- Design Process

G2DEST Personal Design
- Personal Design solutions
- Design process
- Design Application
- Society, Culture and their relationships within design

Additional Information
This course is suited to any student who is interested in a career pathway in architectural, mechanical, interior design, sign writing and product design activities.

Other Necessary Skills:
- Ability to think and work independently
- Interested in Design and problem solving

Drama

Year: 11  
Code: G1DRA; G2DRA

Minimum Entry Requirement
- B/C grade for English in Year 10

Curriculum Focus
This unit engages students with the skills, techniques and conventions of dramatic storytelling and focuses on drama performance events for an audience other than their class members.

Course Content
G1DRA
This unit focuses on;
- Improvisation
- Movement
- Voice
- Greek Myths
- Performing
- Production roles

G2DRA
This unit focuses on;
- Improvisation
- Movement
- Voice
- YOH festival
- Performing
- Production roles

Additional Information
Some drama experience in a school or community context would be advantageous but is not essential.
JTC WACE Course Information Year 11 General continued

**English**

**Year:** 11  
**Code:** G1ENG; G2ENG

**Minimum Entry Requirement**
- Passing the Year 10 Online Literacy Test or achieving Band 8 or higher in Year 9 NAPLAN

**Curriculum Focus**
The English General course focuses on refining the skills and knowledge needed by students to become competent, confident and engaged users of English in everyday, workplace and community contexts. The course develops students' language, literacy and literary skills to enable them to communicate successfully for both imaginative and practical purposes. Students learn how the interaction of structure, language, audience and context helps to shape how the audience makes meaning.

**Course Content**

**G1ENG**
This unit focuses on students comprehending and responding to the ideas and information presented in texts. Students will use a variety of strategies to assist comprehension read, view and listen to texts to connect, interpret and visualise ideas. They will learn how to respond personally and logically to texts by questioning, using inferential reasoning and determining the importance of content and structure. Students will learn to communicate ideas and information clearly and correctly in a range of contexts.

**G2ENG**
This unit focuses on interpreting ideas and arguments in a range of texts and contexts. Students will analyse text structures and language features to identify ideas, arguments and values expressed in texts. The course explores the connections between purpose and structure and how a text's meaning is influenced by the context in which it is created and received.

**Additional Information**
- This General English unit is suited to those students who need to further develop, reading, oral, viewing and writing skills
- Ability to work independently on assigned tasks

---

**Food Science & Technology**

**Year:** 11  
**Code:** G1FST; G2FST

**Minimum Entry Requirement**
- C grade for English in Year 10
- Enthusiasm for food knowledge & practical work

**Curriculum Focus**
This course has two components; Food Choices & Food for Communities. Students explore through practical and theory lessons, the way they select and use foods and how this is determined by the family, customs, budget, availability of food with an emphasis on local foods.

Curriculum delivery is an equal time allocation of theory and practical lessons.

**Course Content**

**G1FST Local Foods**
- How to source, identify, classify and use in day to day meals
- Healthy choices & how to apply them using food selection models
- Devising food products
- Safe handling of food
- Precision cutting techniques
- Self management skills
- Food preparation and presentation skills

**G2FST Staples of International Food**
- The macronutrients needed for health
- Investigation, use and preparation of a variety of staple foods
- The study of certain health issues arising from food choices
- Continual development of practical skills

**Additional Information**
Students need to have the ability and willingness to work as a team member in small and large groups.
Health Studies

Year: 11  
Code: G1HEA ; G2HEA

Minimum Entry Requirement
- C grade minimum in Year 10 English & Health Education

Curriculum Focus
This course focuses on the study of health and its impact on quality of life. Students undertaking the course will develop knowledge and skills required to promote individual and community health.

Using an inquiry process, students draw on their knowledge of health concepts and investigate health issues that interest them, whilst developing research skills they will be able to apply to a range of health issues or concerns.

Course Content

G1HEA
This unit focuses on personal health and wellbeing and what it means to be healthy. Students explore factors which influence their health and design action plans to improve health and achieve set goals. Students will also start to look at the relationship between beliefs, attitudes, values and health behaviour, and the impact of social and cultural norms. They will explore how self-management and interpersonal skills are required in health settings to build effective relationships. Health inquiry skills are developed and applied to investigate and report on health issues.

G2HEA
This unit focuses on personal health and introduces the many factors which influence health. The notion of prevention is central to this unit, and students explore actions, skills and strategies to cope with health influences and improve health. In addition to health determinants, the influence of decision making and the role of communities in shaping norms and expectations are explored. Self management and cooperative skills are examined and students continue to develop and apply health inquiry skills.

Additional Information:
- Work independently at times, completing research and assessment tasks
- The ability to work in teams as a productive member and some public speaking to small groups of people (up to 6).
Human Biological Science

Year: 11  
Code: G1HBY; G2HBY

Minimum Entry Requirement:
- C grade for Biological Sciences in Year 10

Curriculum Focus
In the Human Biology General course, students learn about themselves, relating the structure of the different body systems to their function and understanding the interdependence of these systems in maintaining life. Reproduction, growth and development of the unborn baby are studied to develop an understanding of the effects of lifestyle choices. Students will engage in activities exploring the coordination of the musculoskeletal, nervous and endocrine systems.

They explore the various methods of transmission of diseases and the responses of the human immune system. Students research new discoveries that help increase our understanding of the causes and spread of disease in a modern world.

Course Content
G1HBY Healthy Body
This unit explores how the systems of the human body are interrelated to help sustain functioning to maintain a healthy body. Students investigate the body systems through real or virtual dissections and practical examination of cells, organs and systems. They research contemporary treatments for dysfunctions to the body systems.
- Cells, cell processes, organelles and their functions
- Body systems – respiratory, circulatory, digestive and urinary
- Diseases and conditions of the body systems
- Nutrition and diet

G2HBY Reproduction
This unit explores the roles of males and females in the process of reproduction
- Genetic material – structure and function of DNA
- Cell division – mitosis and meiosis
- Reproductive systems – structure and function of male and female reproductive systems
- Pregnancy
- Reproductive technologies (IVF, GIFT)
- Contraception methods
- Sexually transmitted infections (STIs)
Marine & Maritime Studies

Year: 11  
Code: G1MMS; G2MMS

Minimum Entry Requirement
- C Levels in Year 10 Science and/or Outdoor Education
- Competent swimmer - able to swim 200m
- Interest in or affinity towards the marine environment

Curriculum Focus
This course provides opportunities for students to apply theoretical knowledge through practical activities and earning experiences both within and outside of the classroom.

Based in our Maritime Training Centre in Dawesville, students develop responsible and competent boat handling and navigation skills, and in doing so demonstrate an understanding of nautical concepts. They develop knowledge of seaworthy craft, and the basics of good boat design, construction and maintenance. They also develop personal water based skills (snorkelling/SCUBA) to allow them to engage directly with the marine environment.

Course Content

G1MMS
- Sailing Pacer Yachts
- Sustainability, eco diversity and responsibilities of marine resources
- Blue Swimmer Crab Study
- Basic Skills Sailing Certificate from Yachting Australia

G2MMS
- Snorkelling
- PADI Open Water SCUBA Certification (optional)
- Oceanography
- Maritime Archaeology Study

Mathematics Essentials

Year: 11  
Code: G1MAE; G2MAE

Minimum Entry Requirement
- Pass Year 10 Numeracy Test or achieve Band 8 or higher in Year 9 NAPLAN

Curriculum Focus
Essential Mathematics focuses on using mathematics effectively, efficiently and critically to make informed decisions to solve problems in real contexts for a range of workplace, personal, further learning and community settings.

Course Content

G1MAE includes the following four topics;
- Basic calculations, percentages and rates
- Using formulas for practical purposes
- Measurement
- Graphs

Additional Information
Open Water SCUBA $500—optional
Students required to purchase JTC rash vest
### JTC WACE Course Information Year 11 General continued

G1MAE students will;
- interpret the task and gather the key information
- identify the mathematics which could help to complete the task
- analyse information and data from a variety of sources
- apply their existing mathematical knowledge and strategies to obtain a solution
- verify the reasonableness of the solution

### Additional Information
Assessment for this unit will consist of;
- Practical Applications: 50%
- Response: 50%

### Materials Design & Technology - Metals

**Year:** 11  
**Code:** G1MDTM ; G2MDTM

**Minimum Entry Requirement:**
- C grade for English and Maths in Year 10

**Curriculum Focus**
This course develops students’ knowledge and practical skills in metalworking; a vital vocational technology within many of Australia’s industries. In achieving the course outcomes, students learn and practise a mixture of material skills, principles of design, planning and project management. This course leads to employment options, further vocational education and industry training.

**Course Content**
Using a variety of industry standard tools and equipment within the best school facilities state-wide; this course is based upon five core disciplines:
- Sheet metal construction: folding, creasing, edging, forming and finishing
- Oxy-acetylene techniques such as brazing, silver soldering, and fusion welding
- Electric arc welding techniques such as MMAW and GMAW
- Fabrication techniques: shaping, forming, joining and finishing
- Machining construction activities such as boring, cutting, bending, and lathe-work

**G2MAE includes the following four topics;**
- Representing and comparing data
- Percentages
- Rates and ratios
- Time and motion

In G2MAE students apply the statistical investigation process to real world tasks
- Clarify the problem and pose one or more questions that can be answered with data
- Design and implement a plan to collect or obtain appropriate data
- Select and apply appropriate graphical or numerical techniques to analyse the data
- Interpret the results of this analysis and relate the interpretation to the original question
- Communicate findings in a systematic and concise manner

**COMPULSORY OHS & PPE (Personal Protective Equipment) student requirements are:**
- Clear safety glasses (AS 1336 or above)
- Safety cap work boots that cover ankles (AS2210 or above)
- Drill cotton industrial trousers and long sleeve shirt
- Restrain long hair and no jewellery

PPE (Personal Protective Equipment) requirements are **compulsory** for this subject. **Students not prepared to comply will not be able to participate in this course.** It is the responsibility of the students to purchase their own PPE.

**Additional Requirements:**
The patience to practise and learn practical hands-on skills
The ability to problem solve; design, plan and manage calculated solutions
The capability to work either individually or as an effective member of a team
The personal discipline to follow the OHS regulations of every situation

**Occupational Health and Safety**
It is the responsibility of the student to purchase, maintain and bring to class their own compulsory Personal Protective Equipment. Students not prepared to comply with any OHS regulations will not be able to participate in this course.

**Note**
A budget deal with two local suppliers has been in place for several years in order to keep buying costs down for students. Please ask for the form.
Materials Design & Technology—Textiles

Year: 11  
Code: G1MDTT; G2MDTT

Minimum Entry Requirement
• Minimum C grade for English in Year 10
• Interest in textiles and clothing & design
• A background in Year 9 Fabrics/Year 10 Fashion would be advantageous

Curriculum Focus
The course is comprised of two Units, which are designed to enable students to explore the fashion industry and to develop skills in using tools and equipment in textiles.

Course Content
G1MDTT
Students design and make a fashion forward garment for themselves using recyclable products.

G2MDTT
The focus for this unit is **design fundamentals**. Students will be given the opportunity to apply the basic principles of design and their knowledge of the construction processes acquired in the previous unit to construct garments and accessories.

This course asks students to use their creative talents by researching, designing, constructing and evaluating garments and accessories.

Materials Design & Technology - Wood

Year: 11  
Code: G1MDTW; G2MDTW

Minimum Entry Requirement
• C grade for English in Year 10
• C grade for Mathematics in Year 10
• Interest in working with timber

Curriculum Focus
The focus for this unit is **production fundamentals**. This initial unit caters for students from diverse backgrounds with different schooling experiences to obtain the basic skills and knowledge necessary to make furniture products.

Course Content
G1MDTW
Students are gradually introduced to safe woodworking practices, hand tools and workshop machinery use. They increasingly learn and build up a repertoire of essential skills and techniques. Students apply this knowledge to make two major set pieces of furniture for themselves.

G2MDTW
Students learn additional safe woodworking practices and comprehensive static machinery techniques. They apply this knowledge to make one major set piece of furniture for themselves. Students are introduced to furniture design procedures to manufacture their own furniture item in the workshops.

Additional Information
• Compliance with industry standard OSH rules and regulations
• The ability to work independently and within a team environment
• The work ethic to keep up with the class momentum

COMPULSORY
OHS & PPE (Personal Protective Equipment) student requirements are:
• Clear safety glasses (AS 1336 or above)
• Safety cap work boots that cover ankles (AS2210 or above)
• Drill cotton industrial trousers and long sleeve shirt
• Restrain long hair and no jewellery
Media Production & Analysis

Year: 11  
Code: G1MPA; G2MPA

Minimum Entry Requirement:
• C grade or higher for English in Year 10

Curriculum Focus
Digital technologies have had an impact on all Australian lives and with new technologies the role of the audience has shifted from a passive consumer to a more active participant. Students will interact and have the opportunity to use technologies that allow them to engage with current media and to adapt to evolving media platforms.

The production of media work enables students to demonstrate their understanding of the key concepts of media languages, representation, audience, production, skills and processes as well as express their creativity and originality. When producing media work, students learn to make decisions about all aspects of production, including creative choices across pre-production, production and post-production phases.

Course Content
G1MPA Mass media
Within this broad focus, students reflect on their own use of the media, common representations, including the examination of characters, stars and stereotypes and the way media is constructed and produced.

G2MPA Point of view
In this unit, students will be introduced to the concept and learn how a point of view can be constructed. They will analyse media work and construct a point of view in their own productions.

Additional Information
• Ability to work in a team for a common purpose
• Ability to work independently on tasks
• Interest in television, mass print and popular culture
Outdoor Education

Year: 11  
Code: G1OED; G2OED

Minimum Entry Requirement
- Ability to swim 200m in open water

Curriculum Focus
Through interaction with the natural world, this course aims to develop an understanding of our relationships with the environment, others and ourselves. The ultimate goal of the course is to contribute towards a sustainable world. The Outdoor Education General course is based on the experiential learning cycle. This cycle is made up of three stages; plan, do and review. Students plan for outdoor experiences, participate in these experiences and reflect on their involvement.

Course Content
Each of the General Outdoor Education units cover core content which includes;

Outdoor Experiences
- Expedition planning
- Skills and Practices: roping, camping, canoeing, navigation, bushwalking, abseiling, sea kayaking and caving
- Safety: Risk Management, Emergency considerations and response

Self and Others
- Personal skills, decision making, journal writing
- Group development stages, skills for developing an effective group
- Leadership: styles, briefing

Environmental Awareness
- Living and non-living features of environments
- Weather
- Respecting and being comfortable in nature
- Environmental management
- Leave no trace

G1OED
In this unit, students will apply their skills and understandings to the contexts of snorkelling, bushwalking and camping.

G2OED
In this unit, students will apply their skills and understandings to the contexts of canoeing, abseiling and roping and will building on their knowledge related to camping.

Additional Information
There are two expeditions in year 11, each two days long, and **students must attend these**. The first is an overnight camp that may include canoeing and navigation with a cost of $30. The second excursion involves a three day expedition to Margaret River which may include canoeing or bushwalking and/or roping with a maximum cost of $80. Students are expected to purchase a school rash vest to be worn for the canoeing and snorkelling lessons.
Physical Education Studies

Year: 11  
Code: G1PES; G2PES

Minimum Entry Requirement
• C grade for PES in Year 10
• Interest in sport and physical activity
• Demonstrated self management skills

Curriculum Focus
The course involves a balance of theory and practical components. The students will develop the knowledge and understanding of the body systems, biomechanical principles and their involvement in physical performance as well as mental skills that assist with improved performance as a team member or as an individual.

Course Content
G1PES
The theoretical components of this course represent 50% of the unit and covers the following;
• Body systems
• Role of biomechanical principles
• Components of fitness
• Classification of motor skills
• Strategies and skills
• Phases of skill learning

The practical components will be:
• Softball & Soccer

G2PES
The theoretical components of this course represent 50% of the unit and covers the following;
• Developing physical skills and tactics
• Training principles
• Body Systems
• Biomechanical principles of force and motion
• Energy Systems
• Role of mental skills in performance

The practical components will be:
• Athletics & Badminton

Visual Arts

Year: 11  
Code: G1VAR; G2VAR

Minimum Entry Requirement
• B/C grade for Art in Year 10
• Satisfactory art folio Year 10

Curriculum Focus
One studio project based on foundation work, teacher expertise and resources available. Research, design development and critical analysis form integral parts of the course.

Course Content
G1VAR
The focus of this unit is Experiences. Students develop artworks primarily concerned with experiences of the self and observations of the immediate environment. The unit could include activity from the following studio areas.
• Ceramics
• Painting
• Sculpture
JTC WACE Course Information Year 11 Endorsed Program

- Graphic design
- Textiles
- Fashion design

Research, design development and critical analysis form integral parts of the course.

G2VAR
The focus of this unit is Explorations. Students explore ways to express personal beliefs, opinions and feelings. The unit could include activity from the following studio areas:

- Ceramics
- Painting
- Sculpture
- Graphic design
- Textiles
- Fashion design

Workplace Learning
(Authority Developed)

Year: 11  
Code: ADWPL Units 1 & 2

Minimum Entry Requirement
- C Grade for English in Year 10
- Satisfactory Year 10 Report
- Demonstrated self-management skills

Course Content
Workplace Learning is an endorsed program that is offered at John Tonkin College. To complete this program a student works in one or more real workplace/s to develop a set of transferable workplace skills. The student must record the number of hours completed and tasks undertaken in the workplace in their Workplace Learning Logbook. The student must also provide evidence of their knowledge and understanding by completing the Workplace Learning Skills Journal after each 55 hours completed in the workplace.

This can take place in a paid or unpaid workplace environment.

Minimum Commencement Requirements
This is an excellent opportunity for
- Students where possible, to be enrolled in a school subject or Certificate course associated with the industry area in which they anticipate completing Workplace Learning
- Students must demonstrate appropriate behaviour at school (dress, attendance and attitude) prior to work placement
- Successful completion of a work readiness program. This may be completed in Year 10 as part of their careers program or students can enrol in G1/G2CAE mentor

Delivery method
- 15% - classroom delivery completing documentation and, Logbook and Journal
- 85% - on the job in the workplace

Links to recognised Qualifications
Workplace Learning adds experience to a wide range of Certificate courses offered by John Tonkin College allowing students to demonstrate skills learned at school or TAFE in the workplace and to follow career pathways while gaining hands on experience.

Additional Information
Strong drawing skills required
Vocational Education & Training (VET)

What is VET? Vocational Education and Training encompasses all courses where a student is working towards completing qualifications or units of competence that are recognised nationally. Achievement of a full qualification results in a student being awarded a Certificate I, II, III, IV or Diploma. Students who complete VET courses gain credit towards their WACE through the completion of units of competency which are then converted to unit equivalents.

Why study a VET Course as part of the WACE? The new 2017 WACE requirements stipulate that students must enrol in four or more ATAR courses or must complete a Certificate II or higher during years 11 and 12. Students studying General courses must complete a Certificate 2 or higher to achieve the WACE. VET qualifications provide enhanced opportunities for further training and employment.

Auspice Courses John Tonkin College offers a range of qualifications in the form of Certificate II and III that are delivered by our qualified staff. Students apply for these courses through the normal enrolment process. These courses are all run at JTC and are accommodated within the normal school timetable.

Types of Auspice courses Offered

The following courses will be offered under Auspice at John Tonkin College in 2017 subject to sufficient numbers:

Certificate II Tourism Year 11 or 12 - 1 year course  
Certificate III Tourism Year 12 - 1 year course continuing students only  
Certificate III Information Digital Media and Technology – Computer Technician (CTC)/Cisco – 2 year course  
Certificate II Visual Arts–Photo Imaging  2 year course  
Certificate II Sports Coaching – 2 year course  
Certificate II Business – 2 year course  
Certificate II Applied Language (Japanese) 2 year course  
Certificate II in Conservation and Land Management (CALM) 2 year course NEW Course 2017  
Certificate II Community Service – Child focus - 2 year course NEW Course 2017

Profile Courses Students can apply for Profile courses which are delivered by State Training Providers (STP’s or commonly referred to as TAFE) such as South Metro TAFE, North Metro TAFE or at Registered Training Organisations (RTO’s) such as YMCA or CET (College of Electrical Training). They are undertaken by students as a component of their studies alongside of school based courses.
Vocational Education & Training (VET) continued

Location of Profile Courses
Students may be required to travel to different training locations on the days of their course. Some courses may be delivered at the Mandurah Education Training Campus (MET) but many are delivered in various locations including Rockingham, Kwinana, Beaconsfield, Jandakot, and even Perth. Students are responsible for making their way to these locations. The Trade Training Centre at Coodanup Community College will be offering Certificate II Building & Construction—Painting and Certificate II Building & Construction—Plumbing in 2017. Places in these certificates are limited, and will be available to JTC students as profile courses.

Applying for VET Profile Courses
Applications for Profile courses are highly competitive as the STP’s/RTO’s take students from many schools in the Peel Region. As a minimum, students must be achieving a “C” grade in Maths and English in semester one. A strong attendance record at school and positive comments by teachers on Semester One reports are also essential.

Students will be asked to complete an Expression of Interest form so that we can contact you when the courses have been released in late Term Two. The full ON-LINE application process will be completed in term 3 where students will be given appointments to attend the VET office to do their application. Parents are welcome to attend this appointment. School Report and Resume must be attached to this application.

The STP/RTO selection process will be completed in late term four and the school will then notify students with the result of their application. At this stage, changes can then be made to timetables if necessary.

Types of Profile courses Offered
JTC students have typically been able to access Certificates courses in the following areas:

- Aeronautics
- Animal Studies
- Automotive - Electrical, Heavy Vehicle and Light Vehicle
- Business
- Community services - Childcare
- Community Services - Taster (Education Support; Disability; Childcare; Aged Care)
- Construction - (Bricklaying, Carpentry and Joinery, Plumbing)
- Electrotechnology
- Engineering
- Floristry
- Hairdressing
- Health Services
- Horticulture
- Hospitality
- Information technology
- Laboratory Skills
- Maritime Fishing
- Primary Industries Landscaping
- Process Plant Operations
- Retail, Make-up and Skin Care
- Security Operations
- Transport and Distribution

A brief description has been provided on each of these areas overleaf.
Profile Course Brief Descriptions:

Aviation and Aeronautics – These courses include Aeroskills/Avionics, Flight Operations, Cabin Crew and Aeronautics (Commercial Pilot Theory)

Animal Studies - Practical skills and knowledge to assist in a veterinary practice or other animal care establishments such as kennels or catteries. Business - Prepares students to commence employment in a clerical or administrative entry level role.

Automotive (Electrical) - Students will gain a feel for the automotive industry and identify and work with different electrical/electronic components of a car.

Automotive (Heavy Vehicle) - Students will gain a feel for the automotive industry and work with heavy vehicles or components, such as diesel engines and hydraulics.

Automotive (Light Vehicle) - Students will gain a feel for the automotive industry and identify and work with cars light vehicles and/or motorcycles or particular components such as steering and suspensions or cooling systems.

Community Services - Childcare - This qualification is designed to reflect the role of employees in the Child-care sector.

Community Services - Taster - Students will undertake units from five industry sectors including Community Services, Children Services, Aged Care, Disability Work and Education Support.

Construction - Bricklaying - Learn skills in handling construction brick and block materials, basic hand skills, reading building plans, measuring and calculations with a focus on bricklaying.

Construction - Carpentry and Joinery - Learn skills in handling construction materials, basic hand skills, reading building plans, measuring and calculations with a focus on carpentry and joinery.

Construction - Plumbing - Learn skills in handling construction brick and block materials, basic hand skills, reading building plans, measuring and calculations with a focus on plumbing. Electrotechnology - Practical skills and knowledge to install, operate, and maintain electrical and communications equipment and systems for domestic, business and industrial markets.

Engineering - The skills gained from this qualification will enhance students’ prospects in metal fabrication and fitting and machining industry.

Events – In this course you learn in a diverse and flexible environment where you will gain exposure to the Events Industry and achieve event industry skills

Fashion – An exciting pathway that incorporates all aspects of the fashion production process from design principles to construction techniques

Fishing Operations - This qualification will provide you with the practical skills and knowledge to work as a deckhand on commercial fishing vessels. You will learn to understand shipboard orders, follow safe work practices, and respond to emergency situations. You will also learn skills in marine communication and equipment, fishing operations, vessel maintenance and seafood processing.

Floristry - Practical skills and knowledge to prepare floral arrangements organise storage and provide service to customers.

Hairdressing - this course provides students with the skills and knowledge to support professional hairdressers to carry out a range of salon services.

Health Services - This course will provide you with the practical skills and knowledge to assist health staff in the provision of services to client's and patients within a health care setting. You will learn about team work and effective communication, infection control processes and procedures and basic medical terminology. You will also learn skills to assist with clients and provide sup-port to nursing team in an acute care environment.

Horticulture - This course is designed to equip students with a wide range of theoretical and practical horticultural skills in parks and gardens, nurseries and in landscaping.
Hospitality - The skills and knowledge developed can be applied in various hospitality settings including restaurants, hotels, catering operations and cafes.

Laboratory Skills (Sampling and Measurement) Students will be trained to use basic equipment to obtain samples and perform simple tests.

Media – You will learn to develop and extend your creative thinking skills. The two main areas of skill in this course are animation and digital effects and digital content and imaging

Primary Industries – Landscaping - This qualification provides the practical skills and knowledge to establish and maintain landscapes. It is the starting point to develop a foundation of knowledge and skills that can be built on in higher level courses. The course provides a wide range of practical skills and supporting knowledge to equip students for employment under supervision in the landscape sector of the horticultural industry. Training is provided in the areas of hard landscaping, pests, diseases and weeds, plant knowledge, horticultural machinery use, chemical use and horticultural safety.

Process Plant Operations - This course forms part of the Chemical, Hydrocarbons and Oil Refining National Training package and provides exposure to the fundamentals of process plant operations.

Retail Makeup and Skin Care - This course is based on the selling of makeup and retail skin care products and performing routine salon or store functions.

Security Operations - Develop the skills needed to work in a team, interpret and follow assignment instructions, identify and respond to potential threats and incidents, maintain workplace safety and operate basic security equipment.

Transport and Distribution (Maritime Operations)- This course gives students an overview of the facets within the marine industry from marine science, boating, tourism.

VET Application Deadlines

**Term 2**
- VET Expression of Interest form completed and submitted during the course selection process.

**Term 3**
**Week 3**
- Students who completed an Expression of Interest form will be contacted with an appointment time to complete their Online Application for Profile course. These appointments will be in the VET Office.

**Students must bring their USI or Medicare Card to appointments**

**Week 6 - 26th August**
- Final week to complete online applications.

**Term 4**
**Week 4 - Tuesday 1st November**
- Students notified about results of applications.
- Successful students will require an appointment with JTC administration to renegotiate their time table.
Minimum Entry Requirements / Prerequisites
Recommended to have a minimum “C” grade in English.
An interest in Japanese language and culture.

Curriculum Focus
This qualification will provide students with the practical skills and knowledge required to gain fluency communicating in Japanese at a beginner’s level. No prior knowledge is necessary. Students will also gain cross-cultural communication skills which may assist them within a wide range of industry areas and community settings.

Course Content
Students will complete the following 4 Units of Competence:

- 66008 Conduct basic oral communication for social purpose in a language other than English (Japanese)
- 66009 Conduct basic workplace oral communication in a language other than English (Japanese)
- 66010 Read and write basic documents for social purposes in a language other than English (Japanese)
- 66011 Read and write basic workplace documents in a language other than English (Japanese)

Additional Information
On successful completion of this qualification students will receive a nationally-accredited Certificate II in Applied Language (Japanese). This course provides both preferred subject and preferred pathway for entry to higher training. Employment Opportunities are enhance when this qualification is combined with Business, Tourism, Hospitality or other studies.

Cost: $75 + textbooks
Minimum Entry Requirements / Prerequisites
Recommended to have a minimum "C" grade in English.
Be computer literate or willing to develop computer skills.

Curriculum Focus
This course is designed for students who are seeking to gain an understanding of business fundamentals with an interest in gaining entry level employment in administrative or customer service roles. Students will gain the necessary skills, knowledge and confidence to work effectively in an organisational environment which requires co-operation and team work, adherence to organisational goals and values and skills to work within a clearly prescribed framework. These skills are knowledge are also transferable to many other areas of study or employment.

Course Content
Students will complete the following 12 competencies
BSBCMM201A  Communicate in the workplace
BSBWHS201A  Contribute to health and safety of self and others
BSBIND201A  Work effectively in a business environment
BSBITU201A  Produce simple word processed document
BSBITU202A  Create and use spread sheets
BSBITU203A  Communicate electronically
BSBWOR204A  Use business technology
BSBCUS201B  Deliver a service to customers
BSBWOR203B  Work effectively with others
FNSFLT201A  Develop and use a personal budget
BSBITU101A  Operate a personal computer
BSBITU302B  Create electronic presentations

Additional Information
Units completed in this course can be credited towards further study in Business and Information Technology at TAFE.

Cost: $64
JTC Certificate Courses

Year 11 Course (2 Year Course)
Certificate II in Community Services
CHC22015

Minimum Entry Requirements / Prerequisites
Recommended to have a minimum “C” grade in English.
Be computer literate or willing to develop computer skills.

Curriculum Focus
This course can be used as a pathway for workforce entry as community services workers who provide a first point of contact and assist individuals in meeting their immediate needs. At this level, work takes place under direct, regular supervision within clearly defined guidelines.

Community Service workers provide aged services, child care services and welfare and support services that benefit many Australians. A mandatory work placement of 110 hours in a Regulated Child Care Centre will prepare students for their assessment experiences. They will be undertaking learning and practice of skills in a local Child Care Centre organised by the school. The school will also provide the student with an agreed, structured learning plan that indicates the purpose of the work placement and the minimum requirements for training and assessment in the specified units of competency.

The elective units below have been chosen with an emphasis on working with Children in a Child Care setting.

Course Content
Students will complete nine (9) units

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHCCOM001</td>
<td>Provide first point of contact</td>
</tr>
<tr>
<td>CHCCOM005</td>
<td>Communicate and work in health or community services</td>
</tr>
<tr>
<td>CHCDIV001</td>
<td>Work with diverse people</td>
</tr>
<tr>
<td>HLTWHS001</td>
<td>Participate in workplace health and safety</td>
</tr>
<tr>
<td>BSBWOR202</td>
<td>Organise and complete daily work activities</td>
</tr>
<tr>
<td>CHCECE002</td>
<td>Ensure the Health and Safety of Children</td>
</tr>
<tr>
<td>FSKLRG09</td>
<td>Use strategies to respond to routine workplace problems</td>
</tr>
<tr>
<td>CHCECE003</td>
<td>Provide care for children</td>
</tr>
<tr>
<td>CHCECE011</td>
<td>Provide experiences to support children’s play and learning</td>
</tr>
</tbody>
</table>

Additional Information
Units completed in this course can be used as credit towards further study in Health or Community Services at TAFE. This certificate can be used as pathway towards a Certificate III in Early Childhood and Care, a Certificate III in Community Services or a Certificate III in Education support.

Cost: $75
Minimum Entry Requirements / Prerequisites
There are no entry requirements for this qualification.

Curriculum Focus
This qualification provides an occupational outcome in conservation and land management. The work would be carried out under general guidance and supervision. The qualification enables individuals to select an indigenous land management, conservation earthworks, lands, parks and wildlife or natural area management context as a job focus or a mix of these.

Course Content
Completion of fifteen (15) units made up of two (2) core and thirteen (13) elective units

AHCOHS201A Participate in OHS processes (core)
AHCWRK209A Participate in environmentally sustainable work practices (core)
AHCFAU201A Recognise fauna
AHCILM202A Observe and report plants and/or animals
AHCNAR201A Carry out natural area restoration works
AHCNAR202A Maintain wildlife habitat refuges
AHCPCM201A Recognise plants
AHCSAW201A Conduct erosion and sediment control activities
AHCVPT306A Apply animal trapping techniques
HLTFA301C Apply first aid
AHCLSC201A Assist with landscape construction work
AHCNSY203A Undertake propagation activities
AHCSSL201A Determine basic properties of soil and/or growing media
AHCWKRK201A Observe and report on weather
AHCWKRK207A Collect and record production data

Additional Information
Pathways from the qualification
Further training pathways from this qualification include, but are not limited to, Certificate III in Conservation and Land Management.

Australian Apprenticeships
This qualification is suitable for an Australian Apprenticeship.

Job roles
Job roles and titles vary across different industry sectors. Possible job titles relevant to this qualification include: Conservation worker.

Cost: $ TBA
Minimum Entry Requirements / Prerequisites
Students should have a keen interest in developing skills in creation, using, diagnostics and troubleshooting of both hardware and software to industry level.

Curriculum Focus
Over two years students acquire skills and knowledge in Information Technology to AQTF Certificate III level. The Year 11 Focus is hardware and the Year 12 focus is networking.

Course Content
This course covers working aspects related to working in the IT industry such as WHS and working with clients. Its focus is related to the core aspects of working as a technician covering basic entry requirements for both hardware and networking. Students build computers in Year 11 and use these as their test-bed for further exploration and practice. In Year 12 students build networks and administer server technology. Students will complete the following 17 Units of Competence over the two years of the course;

Year 11
- ICTICT301 Create user documentation
- ICTICT302 Install and optimise operating system software
- ICTSAS301 Run standard diagnostic tests
- ICTICT303 Operate application software packages
- ICTICT303 Connect internal hardware components
- ICTSAS303 Care for computer hardware
- ICTSAS304 Provide basic system administration
- ICTSAS305 Provide ICT advice to clients
- ICTSAS306 Maintain equipment and software

Year 12
- BSBWHS304 Participate effectively in WHS communication and consultation processes
- BSBSUS301 Implement and monitor environmentally sustainable work practices
- ICTICT202 Work and communicate effectively in an ICT environment
- ICTNWK301 Provide network systems administration
- ICTNWK302 Determine and action network problems
- ICTNWK304 Administer network peripherals
- ICTNWK305 Install and manage network protocols
- ICTSAS307 Install, configure and secure a small office or home office network

Additional Information
Skills and knowledge covered in this course will provide a transferable skillset that can be used in a range of workplaces and provide for a basis of a lifelong learning skillset. Certificate III in Information Digital Media & Technology provides students with a high level skillset desirable for entry into industry or as a stepping stone to further study.

Cost:
### Minimum Entry Requirements / Prerequisites
Recommended to have a minimum “C” grade in English.
Be computer literate or willing to develop computer skills.
Enjoy participating in and delivering sport and recreation sessions

### Curriculum Focus
This course is designed to reflect the role of individuals who apply the skills and knowledge to be competent in delivering basic instruction sessions in sport and recreation. Work may be undertaken as part of a team and would be performed under supervision or independently in a structured environment such as a sporting club or school. Individuals wishing to undertake this qualification should be current or past participants in the respective sport specialisation chosen as part of this qualification.

### Course Content
Students will complete thirteen (13) Units made up of eight (8) core and five (5) elective units

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSBWOR202A</td>
<td>Organise and complete daily work activities</td>
</tr>
<tr>
<td>HLTAID003</td>
<td>Provide First Aid</td>
</tr>
<tr>
<td>SISSSCO101</td>
<td>Develop and update knowledge of coaching practices</td>
</tr>
<tr>
<td>SISSSCO202</td>
<td>Coach beginner or novice participants to develop fundamental motor skills</td>
</tr>
<tr>
<td>SISSSDE201</td>
<td>Communicate effectively with others in a sport environment</td>
</tr>
<tr>
<td>SISXCAI102A</td>
<td>Assist in preparing and conducting sport and recreation sessions</td>
</tr>
<tr>
<td>SISXIND211</td>
<td>Develop and update sport, fitness and recreation industry knowledge</td>
</tr>
<tr>
<td>SISXWHS101</td>
<td>Follow work health and safety policies</td>
</tr>
</tbody>
</table>

**Elective units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SISSSPT303</td>
<td>Conduct basic warm up and cool down programs</td>
</tr>
<tr>
<td>SISSSOF202</td>
<td>Officiate games or competitions</td>
</tr>
<tr>
<td>SISSTOU201A</td>
<td>Perform the intermediate skills of Touch</td>
</tr>
<tr>
<td>SISSNTB204A</td>
<td>Teach foundation netball skills</td>
</tr>
<tr>
<td>SISSSB201A</td>
<td>Teach fundamental basketball skills</td>
</tr>
</tbody>
</table>

### Additional Information
Units completed in this course can provide credit towards further study in Sport and recreation at TAFE.

**Costs:** $185
Year 11 or 12 Course (1 Year Course)
Certificate II in TOURISM
(Operations) SIT20112

Minimum Entry Requirements / Prerequisites
Recommended to have a minimum “C” grade in English.
Be computer literate or willing to develop computer skills

Curriculum Focus
The course is designed for interested students who are eager to learn more about both personal travel and the tourism industry. Students will undertake studies that explore destinations within Australia, developing nations, and also developed countries. Relevant skills required to be a successful, informed tourist will be taught. Additionally, students will investigate career pathways within the tourism industry, and learn required skills to work in the industry.

Course Content
Students will complete the following eleven (11) units

SITTIND201 Source and use information on the tourism and travel industry-
SITXCOM201 Show social and cultural sensitivity
SITXWHS101 Participate in safe work practices
SITXCCS202 Interact with customers
SITXWHS301 Identify hazards, assess and control risks
SITTGDE304 Prepare and present tour commentaries
BSBSUS201A Participate in environmentally sustainable work practices
SITTTSL302 Provide advice on Australian destinations
SITTTSL202 Access and interpret product information
SITXFSA101 Use hygienic practices for food safety
SITHFAB204 Prepare and serve espresso coffee

Additional Information
Units completed in this course can provide credit towards further study in Certificate III Tourism when in Year 12 at John Tonkin College. The pathway continues to Challenger Institute, and potentially Murdoch University, where students may undertake a Bachelor of Tourism.

Cost: $130
Year 12 Course  (1 Year Course)
Certificate III in TOURISM
(Operations) SIT30112

Minimum Entry Requirements / Prerequisites
Successful completion of competencies in Certificate II Tourism
Recommended to have a minimum “C” grade in English.
Be computer literate or willing to develop computer skills.

Curriculum Focus
The course is designed for interested students who are eager to continue learning more about both personal travel and the tourism industry. Students will undertake studies that explore destinations around the world, both developing nations and developed countries. Relevant skills required to be a successful, informed tourist will be taught. Students will also undertake a Responsible Service of Alcohol unit, critical to employment prospects in Hospitality and Tourism in Australia and abroad. Additionally, students will investigate career pathways within the tourism industry, and learn other essential skills to work in the industry.

Course Content
Students will complete the following six (6) units

- SITXCCS303  Provide service to customers
- SITTTSGL307  Process travel-related documentation
- SITTTSGL301  Provide advice on international destinations
- SITTTSGL303  Sell tourism products and services
- SITHFAB201  Provide responsible service of alcohol
- SITHFAB203  Prepare and serve non-alcoholic beverages -FEE FOR SERVICE UNIT

Additional Information
Units completed in this course can you credit towards further study in Certificate Tourism courses. The pathway continues to South Metro TAFE, and potentially Murdoch University, where students may undertake a Bachelor of Tourism

Cost: $130
JTC Certificate Courses continued

Year 11 Course (2 Year Course)
Certificate II in VISUAL ARTS (PHOTOGRAPHY FOCUS) CUV20111

Minimum Entry Requirements/Prerequisites
Recommended to have a minimum “C” grade in English.
Be computer literate or willing to develop computer skills

Curriculum Focus
This course offers students the opportunity to attain the ‘Certificate II in Visual Arts’ with a focus on Photo Imaging. This is an ideal course for the student who is creative and has an interest in, or is keen to learn Photography. Students who complete the course will leave with an excellent foundation set of skills and knowledge for post Year 12 studies in any of the ‘Creative Arts’ Courses at the Central Institute of Technology (Central TAFE) in Perth, at Certificate III or higher.

Students will gain invaluable skills in Photography, Digital Imaging, colour management, and photographic design via a broad range of exciting and challenging project related topics.

Students who study this course will develop and compile portfolios of practical photographic work and at the conclusion of the course be involved in the preparation and exhibition of their images at a public exhibition.

The units studied and completed during this course are recognised Australia wide by all TrainingWA institutions and industry bodies.

* Students who successfully complete this certificate and their Year 12 studies are guaranteed an enrolment position at Perth Central Institute of Technology, to continue studies in any of their ‘Creative Arts’ courses

Course Content
Students will complete the following nine (9) units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSBOHS201A</td>
<td>Participate in OHS Processes</td>
</tr>
<tr>
<td>CUVACD101A</td>
<td>Develop drawing skills</td>
</tr>
<tr>
<td>CUVDIG201A</td>
<td>Develop digital imaging skills</td>
</tr>
<tr>
<td>BSBDES201A</td>
<td>Follow a design process</td>
</tr>
<tr>
<td>CUVPRP201A</td>
<td>Make simple creative work</td>
</tr>
<tr>
<td>CUVRES201A</td>
<td>Source and use information relevant to own arts practice</td>
</tr>
<tr>
<td>CUDIG301A</td>
<td>Produce digital images</td>
</tr>
<tr>
<td>CUVPRP203A</td>
<td>Store creative work</td>
</tr>
<tr>
<td>CUVPRP303A</td>
<td>Select and prepare works for exhibition</td>
</tr>
</tbody>
</table>

Additional Information
Students need to be prepared to undertake additional class related work in their own time, including photography, research and other course related homework, of approximately 2-3 hours per week.

Ideally students need to have sound basic computer skills and having some skills in Photoshop is an advantage but it is not essential. Students and Parents must be aware that maintaining a better than 80% attendance is a requirement of the RTO (Registered Training Provider) Central Institute of Technology in order for the minimum number of course nominal hours to be achieved.

On successful completion of this qualification, students will receive a nationally-accredited Certificate II in Visual Arts

Course Cost : $211
The information gained from the following list of websites may help students determine their post-school options.

Curtin University  
www.curtin.edu.au

Edith Cowan University  
www.ecu.edu.au/future-students/school-leavers/our-courses

University of Western Australia  
www.uwa.edu.au

University of Notre Dame  
www.nd.edu.au

Murdoch University  
www.murdoch.edu.au

Tertiary Institutions Services Centre  
www.tisc.edu.au

Western Australian Government - Helping you find information and services in WA including education and jobs in Government.  
(goto 'Education and Training')  
www.wa.gov.au

TrainingWA (TAFE course information)  
www.trainingwa.wa.gov.au

My Future (Career Research)  
www.myfuture.edu.au
Career, employment, training information in Western Australia  
www.getaccess.wa.gov.au

Career research  
www.careersonline.com.au

Australia wide job search  
www.jobsearch.gov.au

Apprenticeships and Traineeships  
www.trainingwa.wa.gov.au

Australian Defence Force Academy  
www.defencejobs.gov.au

Centrelink  
www.centrelink.gov.au

Vacancies Australia wide  
www.seek.com.au  
pathways at Certificate IV level, beyond year 12.
At John Tonkin College we believe that communication between the College and parents is vital to ensure that students are supported to meet their academic and personal potential.

Throughout the year the College will contact parents for a variety of reasons, including verification of absences, invitations to special events, notification of parents evenings, feedback about student performance and to help resolve issues that may arise.

Parents should also feel comfortable to contact the College. We are happy to assist with your enquiries and to direct you to the people who can help you. If you have any concerns or questions, please do not hesitate to ask for assistance.

**TINDALE CAMPUS**

**Front office hours:** Monday to Friday – 8.00am to 4.00pm

**Address:**
John Tonkin College  
35 Gibla Street  
MANDURAH WA 6210  
Phone: 9535 3800  
Fax: 9535 9266

**MANDURAH EDUCATION AND CAMPUS (MET)**

**Front office hours:** Monday to Friday – 8.15am to 4.15pm

**Address:**
John Tonkin College  
Education Drive  
MANDURAH WA 6210  
Phone: 9583 7373  
Fax: 9581 9299

**JOHN TONKIN COLLEGE POSTAL ADDRESS - ALL CAMPUSES**

John Tonkin College  
PO Box 684  
MANDURAH WA 6210