



# ATWELL COLLEGE

## Yr 10 Electives 2014

**Student Name:**

In 2014, Year 10 students at Atwell College will have three electives. Students have the opportunity to select two semester long units from two of the lines and one year long unit from the third line. For each line students must select a "Reserve" choice to be issued to the student should their first choices be unavailable.

Select **four** options and **two** reserves from the following list by marking an "X" in the corresponding box for each of your first choices and an "R" against the chosen reserves:

Elective 1 (Semester Long)					
BASKETBALL	\$20		INFORMATION TECHNOLOGY	\$20	
CREATIVE WRITING	\$20		JOURNALISM	\$20	
DESIGN ART	\$40		LITERACY IN VIDEO GAMES	\$30	
DRAMA	\$40		LIVE PRODUCTION, THEATRE AND EVENTS	\$40	
FASHION DESIGN	\$40		MEDIA	\$40	
FOOD TECHNOLOGY	\$35		METALWORK	\$50	
FOOTBALL (SOCCER)	\$20		OUTDOOR EDUCATION	\$35	
FORENSIC SCIENCE	\$40		ROBOTICS	\$50	
INDUSTRY & ENTERPRISE	\$35		VISUAL ART	\$40	
			WOODWORK	\$50	

**Please turn over the page for the year long option choices... and signing.**

Select one option and one reserve from the following list by marking an “X” in the corresponding box for your first choice and an “R” against the chosen reserve:

<b>Elective 2 (Year Long)</b>		
BUSINESS MANAGEMENT – CERT 1 BUS	\$65	
CHILD DEVELOPMENT	\$30	
COSMETICS (INTEGRATED SCIENCE 1D)	\$70	
DANCE – CERT 1 DANCE	\$80	
FOOD AND NUTRITION	\$80	
LOTE	\$30	
MATERIALS TECHNOLOGY	\$80	
MUSIC	\$80	
SPECIALISED DESIGN ARTS	\$80	
SPECIALISED PHYSICAL EDUCATION	\$30	
TECHNICAL GRAPHICS	\$20	
TOURISM – CERT 1 TOURISM	\$25	
VISUAL ART – CERT 1 VISUAL ARTS	\$80	
NETBALL ENRICHMENT PROGRAM (Only Students who have been accepted into this program should mark this box.)		
RUGBY ENRICHMENT PROGRAM (Only Students who have been accepted into this program should mark this box.)		

It is essential that parents and guardians forward the costs associated with the selected courses to ensure that the course is viable and the students program is not jeopardised.

\_\_\_\_\_  
Parent / Carer Signature

\_\_\_\_\_  
Student Signature



**ATWELL COLLEGE**

**2014**

**Year 10**

**Electives**



ATWELL COLLEGE

## Semester Long Electives

### **BASKETBALL**

This semester elective is offered to students who have a genuine interest in the sport of basketball and would like to improve their skills and knowledge of the game. The unit will involve skill development activities and game awareness sessions designed to improve the all round game of the participants. It is expected that students who select this elective are active participants in physical activity and are prepared to work hard to improve their performance.

**Cost \$30**

### **CREATIVE WRITING**

Students who enjoy the creative aspects of English will enjoy Creative Writing. This semester long unit provides students with the mentoring, framework and most importantly the time to pursue their interest in creative writing. Students will engage in a range of creative writing activities before being mentored through the process of creating an extended piece of writing of their own. Students will conceive their ideas, their characters, their point of view and their message and present them in a piece of processed, polished writing.

**Cost \$30**

### **DESIGN ART**

Students in Year 10 Design Art will consolidate and build on design processes and techniques. They will also explore materials and develop creative problem solving skills that will enable them to explore designs that are for a market or audience.

**Cost \$40**

### **DRAMA**

Year 10 Drama runs for 2 terms. The course covers performance and acting techniques, style and form of theatre and the importance of theatre in society and its history. Students complete performance assessments in small and large groups. Topics studied may include: Realism, Absurdism, Comedy and Shakespeare.

**Cost \$40**

## **FASHION DESIGN**

The focus for this subject is looking at fashion from different eras, incorporating how it has changed and where it may go next. This unit will develop skills in the student's design process and encourage outside the square thinking to promote originality and creativity. Students will look at embellishments and accessories that are available today.

Students will produce skirt or shorts, a fashion accessory and a practical portfolio.

**Cost \$40**

## **FOOD TECHNOLOGY**

This unit is based on the 1A course 'spotlight on my food'. Students explore ways in which individuals select and use foods, and how this is determined by family customs, lifestyle, budget, availability of food and food preparation skills. They learn about the variety and availability of familiar, local foods and use food selection models to determine their place in a balanced diet. They use strategies to identify the cultural values of their peers and the sensory characteristics of food that impact on their food preferences and food choices. Students identify their personal food requirements and the influence of food choice on health. They identify trends in the food industry that influence their food selections. Factors that affect the local food supply and personal food production systems are examined. They identify the laws and regulations that ensure a safe, local food supply and the preparation and storage techniques that prevent food contamination.

**Cost \$35**

## **FOOTBALL (SOCCER)**

This semester elective is offered to students who have a genuine interest in the sport of soccer and would like to improve their skills and knowledge of the game. The unit will involve skill development activities and game awareness sessions designed to improve the all round game of the participants. It is expected that students who select this elective are active participants in physical activity and are prepared to work hard to improve their performance.

**Cost \$30**

## **FORENSIC SCIENCE**

Do you like to solve mysteries and figure out what happened? Do you enjoy TV shows such as CSI, NCIS or Bones? Then you'll enjoy learning about some of the techniques they use to solve the crimes. You will also have the opportunity to solve a hypothetical crime as you use the key elements of forensic science such as collecting evidence, examining witness statements and analysing fingerprints and handwriting and more!!

**Cost \$40**

## **INDUSTRY AND ENTERPRISE**

This is semester long **Career Education** program introduces students to the range of settings in which work occurs in Australia. In order to prepare for effective participation in the workplace, emphasis is placed on the skills and competencies required for effective and rewarding participation in the workplace. This course examines the changing nature of work, the concept of career development and lifelong learning. Future career pathways and occupations are investigated. The development of lifelong and work-related skills is an integral part of this course.

### **Work Placement**

An essential central feature of the course is the requirement that the student must undertake a Work Placement. Students are to complete 35 hours work experience in an appropriate work setting.

**Cost \$35**

## **INFORMATION TECHNOLOGY**

Developing your ability to use ICT is essential for success in the 21<sup>st</sup> century; the ability to effectively use ICT within and without the classroom will enhance success at school and effectiveness in future careers. This course continues to develop essential Microsoft Office and Adobe software skills as well as exploring and developing more advanced techniques. Students will also be given the opportunity to develop game creation expertise by developing a number of games for desktop and mobile devices. Students should have internet access and a laptop as course content may be enhanced via online eLearning; access to a video camera at home is also an advantage.

**Cost \$20**

## **JOURNALISM AS ENGLISH**

The Media is fast becoming the essential text of our times. News, Current Affairs and Blogs are now a key way to hear about the world, and for people to be heard. This semester long unit looks at how language effects the way we perceive the world and how language can shape the way we view events and happenings. Students who have an interest in print journalism and writing in forms such as blogs, feature articles, editorials and news reports would find this course engaging and interesting.

**Cost \$30**

## **LITERACY IN VIDEO GAMES**

Characters, conflict, setting and plots are no longer limited to novels, plays, poems, films and short stories; video games are now the cultural text of our times. This course looks beyond the adventure on the screen and looks at how the things we learn about our society through the traditional forms of culture (books, drama, and television) are just as prevalent in the games that we while away our weekends with. Students in this course will split their time between investigating popular and critically successful games and hypothesising about what these games and this popular past time tells us about ourselves.

**Cost \$30**

## **LIVE PRODUCTION, THEATRE AND EVENTS**

This course is designed to appeal to students who enjoy being involved in the technical side of the theatre and arts. Students will learn aspects of lighting and sound design, prop and set building and stage and backstage management. The course will improve confidence, leadership skills and technical knowledge.

**Cost \$40**

## **MEDIA**

Year 10 Media students will study in-depth a range of media forms including digital media, short film and reality TV. This course provides students intending to study Media in upper school with the fundamentals that include investigation, practical tasks and response tasks to a high standard that.

**Cost \$40**

## **METALWORK**

Students design projects in various types and shapes of metal and develop skills in working with these materials. Skills include marking out, cutting, shaping, grinding, welding, polishing, drilling, machining. Students will be expected to learn and practice work-safe procedures.

**Cost \$50**

## **OUTDOOR EDUCATION**

This semester unit is offered to students who have a keen interest in the outdoors and being involved in outdoor pursuits and adventure education. It is anticipated that students who are interested in studying Outdoor Education as a subject in Year 11 would select this elective.

Students will gain experience in expedition preparation and navigation, along with skill development in camping and environmental awareness. The unit will culminate in a camp that will allow students to put their learning into practice.

**Cost \$35**

Nb – This payment will cover camp costs. If the unit cost is not received students will be asked to pay separately for camp.

## **ROBOTICS**

This course introduces students to skills they will need in preparation for completing the Engineering Course in years 11 and 12. Students will be expected to investigate electronic components and material to produce printed circuit boards. Students are given the opportunity to design and program microcontrollers to perform simple tasks and are introduced to CAD/CAM processes on CNC equipment such as the Roland mill and 3D printers. Students produce a folio outlining the design process as they build and manufacture an electronic project, based on an identified challenge often incorporating a microcontroller or sensor based circuits.

**Cost \$50**

## **VISUAL ART**

In Year 10 Visual Art students will learn to express their creativity in a wide range of studio disciplines including painting, ceramics, printmaking and 3D construction. They will learn creative processes that will enable them to express their imagination through the development of techniques and processes such as acrylic painting, watercolour painting, lino-block printmaking, etching, clay sculpture, cartooning and studio drawing. This is a very creative and practical course that gives students the opportunity to develop a hands on approach to art making.

**Cost \$40**

## **WOODWORK**

Students design projects in wood and learn the unique characteristics of the material. They are expected to design their own projects and develop skills in reading and interpreting technical drawings. Production processes that include the use of a wide range of power tools will be expected.

**Cost \$50**

## Year Long Electives

### BUSINESS MANAGEMENT

In this year long course students will learn sound basic work habits that will provide them with a firm foundation for the effective operation of all office work skills. The student will use these habits and skills in any career the student choose for the rest of their working lives.

Students will also have the opportunity to develop valuable employability skills such as communication skills, teamwork skills, problem solving skills, self-management, using technology, planning an organising skills as well as enhancing their initiative and enterprising qualities.

#### Certificate I in Business

Students will complete Units of Competency (UOC) within the nationally recognised and accredited qualification, Certificate I in Business. A *selection* of competencies will be completed from the following UOCs

BSBOHS201A – Participate in OHS processes

BSBIND201A – Work effectively in a business environment

BSBCMM101A – Apply basic communication skills

BSBADM101A – Use business equipment and resources

BSBITU101A – Operate a personal computer

BSBITU102A – Develop keyboard skills

**Cost \$65**

### CHILD DEVELOPMENT

The subject concentrates on the individual's knowledge and understanding of the development of a baby from birth into childhood, giving them an understanding of the necessary components that are required to care for a child. The course includes practical activities such as making crafts and educational toys. It provides students with background knowledge for year 11 and 12 Children, Family and the Community courses.

Students will study the following content:

- Family and how they shape the development of the child
- Family structures
- Cultural differences
- Play and educational development
- Importance of language development
- Safety and care for children in and around the home
- Special needs
- Design, plan and construct several practical items
- Puberty and reproduction
- Fertilisation and Conception
- Teen pregnancy
- Pregnancy 0-9 month term
- Pre and Post Natal Care of Mother and Baby
- The Birth Process and different options
- Introduction to solid food and nutritional values of food
- Stages of development for children

**Cost \$30**

## **COSMETICS (INTEGRATED SCIENCE 1D)**

In this unit of work, students learn how to take care of the skin and the use of cosmetics, with emphasis on health and safety and designing a product that is consumer friendly. Students learn the chemistry of cosmetics, testing their pH and how to make colloids and emulsions and how that affects the product. The structure and function of the skin is learned and how skin products can cause and treat different disorders. Students look at the causes of skin damage including ageing. Students also look at the structure and function of teeth and hair and examine products to examine their effectiveness in maintaining the health and appearance of teeth and hair.

**Cost \$70**

## **DANCE – CERTIFICATE 1 DANCE CUA1011**

This qualification allows learners to develop basic skills and knowledge to prepare for work in the live performance industry. Students will develop foundation dance techniques, follow basic safe practices and source and apply entertainment industry knowledge. They will study jazz, contemporary and hip-hop genres.

**Cost \$80**

## **FOOD AND NUTRITION**

In this course students are preparing for the rigors of studying food in year 11 and 12. Much of this course is based on Unit 1A and 1B taught in upper school. Students will be studying how to classify, select and use foods. They will be expected to understand the sensory and physical properties of food that affect the consumption of raw and processed foods. They will be exploring food labeling and packaging and safe food handling. At the end of this course, students will work individually and in teams to further develop their food preparation, meal planning, equipment and food handling skills through the preparation of safe, quality food products.

**Cost \$80**

## **LOTE (JAPANESE)**

Year 10 LOTE (Japanese) at the school offers students the opportunity to study the language at a more advanced level. Successful completion equips students with the necessary skills to continue into TEE, TAFE or other LOTE courses after graduation from Year 10. The course will be based on the Curriculum Council's Stage 1 Japanese Second Language (JSL) Syllabus, which allows students of a wide range of abilities to progress to Stage 2 JSL in Year 11. Students who participate in Stage 3 JSL in Year 12 are automatically rewarded with bonus points towards their WACE score on completion of their WACE exams for university entrance.

**Cost \$30**

## **MATERIALS TECHNOLOGY**

In this course students are expected to use a range of software to produce a design portfolio for personal projects. The Projects are developed from a large range of options that the teacher will demonstrate and students will be required to develop these to their own specifications.

Evidence of Research and Technical Drawings will be required before any project will be constructed.

**Cost \$80**

## **MUSIC**

Students who select this subject will study Music for the year. They will continue learning instrumental music and music production using computer technology. They will engage in performing, composing, arranging, listening and responding and the study of music in culture and society. They will continue to learn to play musical instruments such as bass, guitar, keyboard, drums and voice.

**Cost \$80**

## **SPECIALISED DESIGN ARTS**

This elective is a year long course offered to students who are preparing themselves to possibly study Stage 1, 2 or 3 Design in upper school. Aspects of Design that are covered in the course may include jewellery design, interior design, fashion design, ceramic design, photography, graphic design, technical graphics, product design, user centred design and industrial design. As Design covers a wide range of learning areas, students will learn skills and techniques across a wide range of areas in the creation of their individual designs. For students considering a pathway to Design at UWA or Curtin University, studying Design may be an advantage.

**Cost \$80**

## **SPECIALISED PHYSICAL EDUCATION**

This year long elective is designed to provide talented physical education students with the opportunity to study the subject at a more advanced level. It is highly recommended that students who might be looking to study physical education courses in Year 11 (particularly stage 2 ATAR) select this elective as preparation for these courses. The elective will include an introductory look at body systems, fitness and coaching principles along with involvement in developing physical skills in a number of different sports. It is expected that students who select this elective are active participants in physical education and are committed to doing their best.

**Cost \$30**

## **TECHNICAL GRAPHICS**

Students use Creo almost solely to produce a range of Design Products and will also have the opportunity to create a product using a Computer Aided Machine.

This course is based on students learning skills in design, drawing and other tools of graphical communication. The course allows students to develop their own sketching ability to present ideas and solutions to problems. Students will have an opportunity to progress their skills both practically and analytically. The task parameters are set to test students' own boundaries in designing and creating solutions. The emphasis of the course is to allow students to problem solve within any environment and the results are only limited by the student's creativity.

**Cost \$20**

## **TOURISM - CERTIFICATE 1 TOURISM**

This certificate course aims to provide students with the skills and knowledge to be competent in basic practical tourism skills, with a focus on Indigenous Tourism. The certificate may provide a pathway to a range of job roles in the tourism and hospitality industries and a follow-on certificate course either at school or at a State Training provider.

**Cost \$25**

## **VISUAL ART – CERTIFICATE 1 VISUAL ARTS CUA 10103**

Students will have the opportunity to undertake a Certificate 1 Visual Art and will complete competencies that include Drawing, Painting, Printmaking, Digital Art, Ceramics, Textiles and Occupational Health and Safety.

Students are not required to have completed Year 8-10 Visual Art however those who have passed Art at those levels would find it easier. The course is suitable for those who have natural ability in art as well as those who have an interest and wish to develop their abilities and skills. This Certificate is advisable for anyone who may wish to gain employment in a Visual Arts related industry. Students may continue their studies in Senior School by completing Certificate 2 Visual Arts CUA 20203.

**Cost \$80**

## **NETBALL ENRICHMENT PROGRAM (NEP)**

This year long elective should be chosen by students who are currently involved as members of the Atwell College NEP and would like to continue their involvement in 2014. The NEP will continue to provide an opportunity for girls who are interested in Netball to develop their game fitness, skills and awareness culminating in involvement in a number of competitions and carnivals held throughout the year.

There may be opportunity to select this elective for the first time in Year 10 although it is very important that students who have not been involved before come and see Ms McKinnon or Mr Harwood prior to selecting this elective.

## **RUGBY ENRICHMENT PROGRAM (REP)**

This year long elective should be chosen by students who are currently involved as members of the Atwell College REP and would like to continue their involvement in 2014. The REP will continue to provide an opportunity for boys who are interested in Rugby League to develop their game fitness, skills and awareness culminating in involvement in a number of competitions and carnivals held throughout the year.

There may be opportunity to select this elective for the first time in Year 10 although it is very important that students who have not been involved before come and see Mr Guthrie or Mr Harwood prior to selecting this elective.