

c / - Le Fevre High School
 90 Hart Street
 SEMAPHORE SOUTH SA 5019
 Phone: (08) 8449 7004
 Fax: (08) 8449 1220
 Email:
 WATS.Site081419@schools.sa.edu.au
 Web: www.wats.sa.edu.au

TRADE Schools for the Future

Western Adelaide

www.wats.sa.edu.au

June 2014

INSIDE THIS ISSUE:

Welcome	1
Construction Industry White Card Training	1
Regional VET Programs	2-3
School-Based Apprenticeships	4
Maritime High School Program	5
Industry Skills Program	5
Advanced Technology Project/STEM	6
Information, Digital Media and Technology at Thebarton Senior College	7



Welcome

Welcome to our Term 2 newsletter. This newsletter provides information on activities undertaken across our schools as part of the following initiatives:

- Regional VET Programs
- School-based Apprenticeships
- Advanced Technology Project and STEM (Science, Technology, Engineering and Mathematics)
- Maritime High School Program
- Industry Skills Program

Through these programs, students, teachers and school leaders from across our schools have worked collaboratively to increase their knowledge of the range of pathways available to young people.



As our schools prepare themselves for course counselling during term 3, have you checked out the Skills One website (www.skillsone.com.au)? This website has hundreds of videos about getting a trade or

skill. It provides a rich tapestry of information about trades and skills 24/7.

40-50,000 videos are viewed on the SkillsOne site monthly, increasing significantly during times when students are seeking ideas and guidance on career paths within the Vocational Education and Training (VET) sector. In addition to the website, SkillsOne_TV is broadcast daily (Mon-Fri) nationally on Foxtel (Aurora 183) and Free to Air (TV4ME 74).



National Skills Week (August 25-31), now in its fourth year, will again set out to bring to life the positive messages, highlighting the talents, the skills, the career pathways and the value of apprentices and trainees across Australia to the wider public and employers. The aim of this week is to raise the status of practical and vocational learning, enabling all Australians to gain a greater understanding of the opportunities, their potential, and how they can contribute to a successful, modern economy. For more information, go to:

www.nationalskillsweek.com.au.

Construction Industry White Card Training

We continue to hold a regional White Card course each term for students from all schools in our network. Adelaide Training and Employment Centre (ATEC) delivers this course for us.

This term, our regional White Card course was held on 2 June, with 18 students from seven schools participating and completing this qualification.

The term 3 course will be held on **Monday 25 August** (week 6). The flyer and registration form for this course is available for download from our website (www.wats.sa.edu.au).



Regional VET Programs



Regional VET programs provide students in years 10, 11 and 12 in Western Adelaide with increased vocational pathway options through a broad range of VET program choices. Regional VET programs are hosted by schools and Registered Training Organisations (RTOs).

Students remain enrolled at their Home School, and attend the Host School or RTO for their chosen VET program. **We currently have over 570 students across Western Adelaide involved in these programs**, with more students commencing next term.

The focus of this term has been preparation of course information and marketing materials for our 2015 Regional VET Programs. Brochures (see cover image right), business cards and Student Application Forms have been delivered to schools for current year 9, 10 and 11 students, in preparation for student course counselling which commences in term 3.

There are 65 courses on offer for students in 2015 in a range of industry areas. Please see table on the next page for a summary of these courses. Many courses have undergone significant review due to changes in Training Packages, staff qualifications and Registered Training Organisations (RTOs). We also have a number of new courses for 2015.

The course information shown on the following page was correct at the time of printing. There is a possibility that details for some courses may change. Updated course information is provided on our website as it becomes available (www.wats.sa.edu.au, under Regional VET Programs).

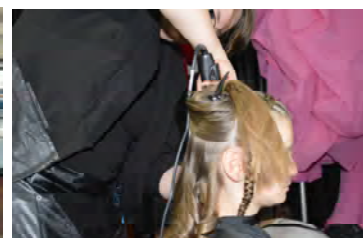
To help students make informed decisions about applying for Regional VET Programs next year, many Host Schools are offering 'Open Days' during term 3 for interested students to visit the Host School, meet the teacher/trainer and current students, and to see the course in operation. See the table on the next page for dates and times of Open Days for each course, as well as RSVP information.

Student applications for 2015 courses are due to VET Leaders by Friday week 8, term 3 (12 September 2014).

Term 2 Reports for our current (2014) Regional VET students will be available for Home Schools to distribute to students at the beginning of week 10 of this term. Thank you to our Regional VET Teachers/Trainers for their work in providing assessment information and written feedback to students and their parents/caregivers each term.

Please see photos to the right of activities in some of our Regional VET Programs this term.

Toni Andrew
Manager, Western Adelaide Secondary Schools Network

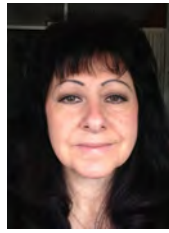


Regional VET Programs (continued)

Western Adelaide Regional VET Programs 2015

COURSE NAME	CERTIFICATE	HOST	RTO	DURATION	DAYS	TIME/S	SAFETY CREDITS	OPEN DAY DATE AND TIMES	RSVP FOR OPEN DAY
AUTOMOTIVE									
Automotive Cert I	Cert I in Automotive Vocational Preparation	Undersdale High School	TAFE SA	One year	Friday	07:30-12:00	20	By appointment	Ring 8301 8000 to arrange
Automotive Cert II	Cert II in Automotive Servicing Technology	Undersdale High School	TAFE SA	One year	Wednesday & Friday	07:30-11:00 12:00-15:00	35-55	NA	NA
BUSINESS SERVICES									
Logistics - Making Smart Moves	Cert III in Business	Ocean View College B-12	TAFE SA	One year	Friday	09:00-15:00	45	Fri Aug 15 2014 10:00 am-12:00 pm	By August 8 2014 Shelley.Hamilton590@schools.sa.edu.au
Simulated Business	Cert II in Business	Thebarton Senior College	Thebarton Senior College	One year	Friday	08:30-15:05	50	Wed Aug 20 2014 11:00 am-12:00 pm	mandy.roberts@thebartonsc.sa.edu.au or ring Mandy on 83525811
CONSERVATION AND HORTICULTURE									
Conservation and Land Management	Cert II in Conservation and Land Management	Portside Christian College	TAFE SA	One year	Tuesday	08:45-15:00	60	Sat Aug 16 2014 10:00 am-12:00 pm	By August 8 2014 kerry.branton@portside.sa.edu.au or ring Kerry on 83415133
Horticulture	Cert II in Horticulture	Woodville High School	TAFE SA	One year	Friday	08:30-15:00	65	Fri Aug 15 2014 10:00 am-12:00 pm	By August 8 2014 Alana.Probert1357@schools.sa.edu.au
CONSTRUCTION									
Doorways 2 Construction (Civil)	Cert II in Resources and Infrastructure Work Preparation	Ocean View College B-12	TAFE SA	One year	Monday	08:00-16:00	30	Mon Aug 11 2014 10:00 am-12:00 pm	By August 4 2014 Shelley.Hamilton590@schools.sa.edu.au
Doorways 2 Construction	Cert I in Construction	Henley High School	TAFE SA	One year	Monday	08:45-15:00	40	Mon Aug 25 2014 10:00 am-1:00 pm	By August 19 2014 scott.pollinghorne@henleyhs.sa.edu.au
Doorways 2 Construction	Cert II in Construction	Mount Carmel College	MTC Training	One year	TBA	08:40-15:00	40	Wed Aug 13 2014 3:00-8:00 pm	By August 6 2014 shane.gubbin@mcc.catholic.edu.au or ring Shane on 0407261967
Doorways 2 Construction	Cert I in Construction	Thebarton Senior College	Master Builders Association	One year	Friday	08:40-15:05	40	Wed Aug 20 2014 1:30-2:30 pm	By August 13 2014 mandy.roberts@thebartonsc.sa.edu.au or ring Mandy on 83525811
Doorways 2 Construction	Cert I in Construction	Woodville High School	ATEC	One year	Friday	08:15-15:00	40	Fri Aug 15 2014 9:00-11:00 am	By August 8 2014 Alana.Probert1357@schools.sa.edu.au
Doorways 2 Construction Plus	Cert III in Carpentry (partial certificate)	Mount Carmel College	ATEC	One year	Friday	08:00-15:00	35	Wed Aug 13 2014 3:00-8:00 pm	By August 6 2014 shane.gubbin@mcc.catholic.edu.au or ring Shane on 0407261967
Doorways 2 Construction Plus	Cert III in Carpentry (partial certificate)	Woodville High School	ATEC	One year	Monday	08:30-14:00	40	Fri Aug 15 2014 9:00-11:00 am	By August 8 2014 Alana.Probert1357@schools.sa.edu.au
Furnishing	Cert I in Furnishing	Henley High School	TAFE SA	One year	Wednesday & Friday	08:30-15:10	30	Wed Aug 27 2014 1:30-10:10 pm	By August 20 2014 simon.brook@henleyhs.sa.edu.au
Furnishing	Cert I in Furnishing	Woodville High School	TAFE SA	One year	Monday	08:15-15:00	40	Fri Aug 15 2014 9:00-11:00 am	By August 8 2014 Alana.Probert1357@schools.sa.edu.au
Introduction to Construction	Cert I in Construction (partial certificate)	Mount Carmel College	MTC Training	One semester (semester 2)	Half day TBA	08:40-11:40 or 12:30-15:30	10	Wed Aug 13 2014 3:00-8:00 pm	By August 6 2014 shane.gubbin@mcc.catholic.edu.au or ring Shane on 0407261967
Plumbing	Cert I in Construction	Seaton High School	Plumbing Industry Association	One semester (semester 2)	Thursday	08:30-16:30	40	Fri Aug 22 2014 10:00 am-4:00 pm	By August 15 2014 Michael.Huggert608@schools.sa.edu.au
Plumbing	Cert II in Metal Roofing and Cladding	Mount Carmel College	TAFE SA	One year	TBA	08:40-15:00	55	Wed Aug 13 2014 3:00-8:00 pm	By August 6 2014 shane.gubbin@mcc.catholic.edu.au or ring Shane on 0407261967
Plumbing	Cert I in Construction	Thebarton Senior College	TAFE SA	One year	Friday	08:40-15:05	40	Wed August 20 2014 1:30-2:30 pm	By Aug 12 2014 mandy.roberts@thebartonsc.sa.edu.au or ring Mandy on 83525811
Plumbing Plus	Cert II in Metal Roofing and Cladding	Seaton High School	Plumbing Industry Association	Three terms (terms 1, 2 and 3)	Friday	08:30-14:30	55	Fri Aug 22 2014 10:00 am-4:00 pm	By August 15 2014 Michael.Huggert608@schools.sa.edu.au
ELECTROTECHNOLOGY									
Electronics and Computer Systems Engineering Cert I	Cert I in ElectroComms Skills	Henley High School	TAFE SA	One year	Wednesday & Friday	13:30-15:10 09:00-10:45	30	Wed Aug 27 2014 9:30-10:45 am	By Aug 20 2014 angelito.plantado@henleyhs.sa.edu.au
Electronics and Computer Systems Engineering Cert II	Cert II in Electronics	Henley High School	TAFE SA	One year	Wednesday & Friday	09:00-10:45 13:30-15:10	45	Wed Aug 27 2014 9:30-10:45 am	By Aug 20 2014 angelito.plantado@henleyhs.sa.edu.au
Electrotechnology Cert I	Cert I in ElectroComms Skills	Seaton High School	ATEC	One year	Wednesday & Thursday	13:00-16:30	25	Fri Aug 22 2014 10:00 am-4:00 pm	By August 15 2014 Michael.Huggert608@schools.sa.edu.au
Electrotechnology Cert II	Cert II in Electrotechnology (Career Start)	Seaton High School	ATEC	One year	Tuesday	09:00-16:30	50	Fri Aug 22 2014 10:00 am-4:00 pm	By August 15 2014 Michael.Huggert608@schools.sa.edu.au
ENGINEERING									
Engineering Pathways	Cert II in Engineering Pathways	Mount Carmel College	MTC Training	One year	Friday	08:40-15:00	60	Wed Aug 13 2014 3:00-8:00 pm	By August 6 2014 shane.gubbin@mcc.catholic.edu.au or ring Shane on 0407261967
Engineering Plus	Cert III in Engineering Trade (partial certificate)	Mount Carmel College	TAFE SA	One year	TBA	08:40-15:00	30	Wed Aug 13 2014 3:00-8:00 pm	By August 6 2014 shane.gubbin@mcc.catholic.edu.au or ring Shane on 0407261967
Introduction to Manufacturing and Engineering	Cert II in Engineering (partial certificate)	Mount Carmel College	MTC Training	One semester (semester 2)	Half day TBA	08:40-11:40 or 12:30-15:30	10	Wed Aug 13 2014 3:00-8:00 pm	By August 6 2014 shane.gubbin@mcc.catholic.edu.au or ring Shane on 0407261967
Maritime Engineering	Cert I in Engineering	Le Fevre High School	TAFE SA	One year	Wednesday	08:00-16:00	40	Wed Aug 6 2014 2:00-3:00 pm	By August 1 2014 Sean.Cary605@schools.sa.edu.au
Metal and Engineering	Cert I in Engineering	Henley High School	TAFE SA	One year	Wednesday & Friday	09:00-10:45 13:30-15:10	40	Fri Aug 22 2014 1:30-3:10 pm	By August 15 2014 russell.watkins@henleyhs.sa.edu.au
Metal Trade Skills	Cert I in Engineering	Thebarton Senior College	TAFE SA	One year	Tuesday	08:40-15:05	40	Tues Aug 19 2014 1:30-2:30 pm	By Aug 12 2014 mandy.roberts@thebartonsc.sa.edu.au or ring Mandy on 83525811
HAIR AND BEAUTY									
Beauty Therapy	Cert II in Retail Makeup and Skin Care	Mount Carmel College	TAFE SA	One year	TBA	08:40-15:00	45	Wed Aug 13 2014 3:00-8:00 pm	By August 6 2014 shane.gubbin@mcc.catholic.edu.au or ring Shane on 0407261967
Hairdressing	Cert II in Hairdressing	Mount Carmel College	TAFE SA	One year	Tuesday or Thursday	08:40-15:00	45	Wed Aug 13 2014 3:00-8:00 pm	By August 6 2014 shane.gubbin@mcc.catholic.edu.au or ring Shane on 0407261967
Hairdressing Plus	Cert III in Hairdressing (partial certificate)	Mount Carmel College	TAFE SA	One year	TBA	08:40-15:00	45	Wed Aug 13 2014 3:00-8:00 pm	By August 6 2014 shane.gubbin@mcc.catholic.edu.au or ring Shane on 0407261967
Introduction to Hair and Beauty	Cert II in Retail Makeup and Skin Care (partial certificate)	Mount Carmel College	TAFE SA	One semester (semester 2)	Half day TBA	08:40-11:40 or 12:30-15:30	10	Wed Aug 13 2014 3:00-8:00 pm	By August 6 2014 shane.gubbin@mcc.catholic.edu.au or ring Shane on 0407261967
HEALTH AND COMMUNITY SERVICES									
Allied Health Year 1	Cert III in Allied Health Assistance	Woodville High School	Australian Nursing and Midwifery Education Centre	18 months	Friday	08:30-15:00	40	Fri Aug 15 2014 2:30-3:30 pm	By August 8 2014 Alana.Probert1357@schools.sa.edu.au
Allied Health Year 2 - not available in 2015	Cert III in Allied Health Assistance	Woodville High School	Australian Nursing and Midwifery Education Centre	18 months	NA	NA	30	NA	NA
Child, Aged and Disability Care	Cert II in Community Services	Findon High School	TAFE SA	One year	Friday	08:45-15:00	40	NA	NA
Childcare	Cert II in Community Services	Henley High School	TAFE SA	One year	Friday	07:45-11:00	40	Fri Aug 22 2014 9:00-10:45 am	By August 15 2014 tania.duff@styer@henleyhs.sa.edu.au
Childcare	Cert II in Community Services	Portside Christian College	TAFE SA	One year	Friday	08:45-15:00	40	Sat Aug 16 2014 10:00 am-12:00 pm	By August 8 2014 kerry.branton@portside.sa.edu.au or ring Kerry on 83415133
Childcare	Cert II in Community Services	Woodville High School	TAFE SA	One year	Friday	08:30-15:30	40	Fri Aug 15 2014 11:00 am-1:00 pm	By August 8 2014 Alana.Probert1357@schools.sa.edu.au
Christian Ministry and Theology	Cert III in Christian Ministry and Theology	Portside Christian College	Australian Centre for Advanced Studies	One year	Tuesday	08:45-15:00	30	Sat Aug 16 2014 10:00 am-12:00 pm	By August 8 2014 kerry.branton@portside.sa.edu.au or ring Kerry on 83415133
Disability Care	Cert III in Disability	Findon High School	ATEC	One year	Wednesday	08:45-15:00	85	NA	NA
Family Well-being	Cert II in Family Well-being (partial certificate)	Le Fevre High School	TAFE SA	One semester	Monday & Thursday	09:00-10:45 09:00-10:45	30	NA	NA
Health Services	Cert III in Health Services Assistance	Portside Christian College	TAFE SA	One year	Tuesday	08:45-16:00	60	Sat Aug 16 2014 10:00 am-12:00 pm	By August 8 2014 kerry.branton@portside.sa.edu.au or ring Kerry on 83415133
Health Services Year 1	Cert III in Health Services Assistance and Cert III in Allied Health Assistance	William Light R-12 School	TAFE SA	18 months	Friday	09:00-14:30	25	10:00 am-12:00 pm	By August 1 2014 rod.grant972@schools.sa.edu.au or ring Rod on 82970488
Health Services Year 2	Cert III in Health Services Assistance and Cert III in Allied Health Assistance	William Light R-12 School	TAFE SA	18 months	Wednesday (11 wks & 10, 12 wks 1-5)	09:00-15:00	30	NA	NA
HOSPITALITY									
Hospitality (Food & Beverage)	Cert I in Hospitality	St George College	TAFE SA	One semester	TBC	09:00-13:00	15	Thurs Aug 28 2014 10:00 am-12:00 pm	By August 19 2014 cswaffield@stgeorgecollege.sa.edu.au
Hospitality (Food & Beverage)	Cert III in Hospitality	Henley High School	TAFE SA	One year	Friday	13:00-16:15	30	Fri Aug 22 2014 1:30-3:00 pm	By August 15 2014 tania.duff@styer@henleyhs.sa.edu.au
Hospitality (Kitchen Operations)	Cert II in Kitchen Operations	St George College	TAFE SA	One year	Thursday	08:30-15:00	40	Thurs Aug 28 2014 10:00 am-12:00 pm	By August 19 2014 cswaffield@stgeorgecollege.sa.edu.au
Hospitality (Kitchen Operations)	Cert II in Kitchen Operations	Woodville High School	Quality Training and Hospitality College	One year	Friday	09:00-15:00	45	Fri Aug 15 2014 10:30 am-12:30 pm	By August 8 2014 Alana.Probert1357@schools.sa.edu.au
INFORMATION TECHNOLOGY, MEDIA AND STUDIO RECORDING									
Digital Media	Cert II in Creative Industries (Media)	Henley High School	TAFE SA	One year	Wednesday & Friday	13:30-15:10 09:00-10:45	30	NA	NA
Digital Media	Cert III in Creative Industries (Media)	Le Fevre High School	TAFE SA	One year	Wednesday	08:55-13:20	35	NA	NA
Information Technology Cert II	Cert II in Information, Digital Media and Technology	Thebarton Senior College	Thebarton Senior College	One year	NA (online)	NA (online)	60	Tues August 12 2014 1:30-3:00 pm	By Aug 5 2014 mandy.roberts@thebartonsc.sa.edu.au or ring Mandy on 83525811
Information Technology Cert III	Cert III in Information, Digital Media and Technology	Thebarton Senior College	Thebarton Senior College	One year	Wednesday (plus online)	16:00-19:00	10 Stage 1 55 Stage 2	Wed August 20 2014 1:30-3:00 pm	By Aug 12 2014 mandy.roberts@thebartonsc.sa.edu.au or ring Mandy on 83525811
Information, Digital Media and Technology	Cert II in Information, Digital Media and Technology	Henley High School	TAFE SA	One year	Wednesday & Friday	09:00-10:45 13:30-15:10	60	NA	NA
Musical Technical Production Year 1	Cert III in Technical Production	Henley High School	Australian Centre for Advanced Studies	Two years	Monday & Wednesday	13:30-15:10 11:05-12:50	20	NA	NA
Musical Technical Production Year 2	Cert III in Technical Production	Henley High School	Australian Centre for Advanced Studies	Two years	Monday & Wednesday	12:30-15:10 11:05-12:50	20	NA	NA
MARITIME									
Maritime Industry Pathway	Cert II in Transport and Distribution (Maritime Operations)	Le Fevre High School	Australian Maritime and Fisheries Academy	3 x 5 day blocks plus voyage in term 3 holidays	Last week of terms 1, 2 & 3 plus term 3 holidays	08:30-16:00	55	Visit to the Academy by appointment	Rod.Hunter598@schools.sa.edu.au
RETAIL AND TOURISM									
Pharmacy Customer Service	Cert II in Community Pharmacy (partial certificate)	St George College	The Pharmacy Guild of Australia	One term	Wednesday	09:00-15:00	20	Thurs Aug 28 2014 10:00 am-12:00 pm	By August 19 2014 cswaffield@stgeorgecollege.sa.edu.au
SPORT AND RECREATION									
Career Oriented Participation (AFL) - Career Oriented Participation (Soccer) Year 1	Cert III in Sport Career Oriented Participation	Henley High School	Sport SA	One year	Tuesday & Thursday	13:30-15:10 11:05-12:50	50	NA	NA
Career Oriented Participation (Soccer) Year 1	Cert II in Sport Career Oriented Participation	Undersdale High School	Sport SA	Two years	Tuesday & Friday	13:30-15:15 09:00-10:45	20	By appointment	Ring 8301 8000 to arrange
Career Oriented Participation (Soccer) Year 2	Cert II in Sport Career Oriented Participation	Undersdale High School	Sport SA	Two years	Wednesday & Friday	09:00-10:45 11:15-13:00	20	NA	NA
Fitness	Cert III in Fitness	Henley High School	Sport SA	One year	Wednesday & Friday	13:30-15:10 09:00-10:45	65	NA	NA
Sport and Recreation	Cert II in Sport and Recreation	Henley High School	Sport SA	One year	Wednesday & Friday	09:00-10:45 12:30-15:10	40	NA	NA
Sports Trainer	Cert III in Sports Trainer	Henley High School	Sport SA	One year	Tuesday & Thursday	09:00-10:45 13:30-15:10	40	NA	NA

School-based Apprenticeships



School-based Trainee Set for Bright Future

Le Fevre High School student Elana Wanganeen has been recognised as AFL SportsReady's Trade Schools for the Future School-based Trainee of the Year. Elana completed her Traineeship with the Commonwealth Bank, studying Financial Services, and has plans to continue her career in the banking industry.

The awards night reinforced the valuable partnership that the Department for Education and Child Development (DECD) and AFL SportsReady have in their School-based Apprenticeship/Traineeship program. It was a particular highlight to see the students presented with their graduation certificates and to hear about the many and varied career and study pathways they are pursuing following their traineeships.



Above: Elana Wanganeen with Vicki Bryant (Apprenticeship Broker) and Stefan Demianyk (Program Leader, Trade Schools for the Future, Department for Education and Child Development).

School-based Trainee Employer Testimonial

"Le Fevre Community Children's Centre has employed four School-based Trainees over the past five years. Our participation in this program has been extremely rewarding for several reasons. Firstly we have been able to engage with and provide opportunities for young people within our community. Secondly we have been able to train and develop staff within our organisation and meet workforce development requirements, including increasing qualification

requirements and skills shortages across our sector.

Contributing to the success of this program, has been finding quality candidates through close collaboration with schools through Chris Houlty by the Apprenticeship Broker, and a positive working relationship with our Registered Training Organisation, TAFE SA. Many of our trainees have continued to be employed within our organisation after the completion of their traineeship, and continue to make a very valuable contribution to our organisation."

Jeremy Pook, Director,
Le Fevre Community
Children's Centre



Student Profiles



As a Le Fevre High School student, Delaney Jones completed a Certificate III in Children's Services in 2011. Although now no longer at school, she is due to complete a Diploma of Children's Services (Early Childhood Education and Care).



Sarah Cain is a Year 12 student from Henley High School. She commenced a School-based Traineeship in Certificate III in Children's Services in August 2013. Sarah is due to finish her traineeship by the end of this year.

To find out more about School-based Apprenticeships or Traineeships, students can speak with their VET Leader, visit www.wats.sa.edu.au (under 'School-Based Apprenticeships'), or contact:

Chris Houltyby
Apprenticeship Broker
0488 584 029
chris.houltyby@sa.gov.au

Vicki Bryant
Apprenticeship Broker
0458 564 603
vicki.bryant@sa.gov.au

Chris Houltyby and Vicki Bryant
Apprenticeship Brokers

Maritime High School Program

In the last week of term 1, 25 students from Western Adelaide secondary schools spent a week at the Australian Maritime and Fisheries Academy (AMFA) at Port Adelaide, as part of their Maritime Industry Pathway course (one of our Regional VET Programs).

The week was dedicated to completing 'Elements of Shipboard Safety', which covers the mandatory safety competencies for the maritime industry.

Students spent one day aboard the AMFA fire tugboat, learning to put out a range of types of fires. This was followed by a day at the Adelaide Aquatic Centre, learning about and participating in life raft drills. Another activity was "damage control", where students were required to be dressed in waders in a tank, and plug holes in a wall as water poured in. Excellent teamwork and participation was displayed by all

students.

The second stage of the course will be held in the last week of this term, when navigation and boat handling will be the centre of students' learning.

Students have also been introduced to the range of pathways that exist in the maritime industry. For more information on maritime pathways, go to www.afa.edu.au and www.amc.edu.au.

Rod Hunter
Maritime Coordinator



Industry Skills Program



Making decisions for our future

A recent discussion with an industry spokesperson and a group of teachers around the qualities young people need to demonstrate to be successful in securing an entry level position in the Retail and Hospitality industry sector, again supported our understanding of *employability skills*, those 'soft skills' that support people being successful. Industry is telling us that they want people with good *communication skills*, who can speak clearly, are attentive, able to hold a conversation and follow instructions, both verbal and written.

Employers also find *teamwork* important. They are looking for young people who can work in a team, have initiative, are willing to do more than is asked and be able to ask for help if unsure what

to do. An important characteristic employers identified was that young people need to be able to take criticism in a positive way and accept it as a way of improving. Employers identified that being able to understand conflict and learn strategies on how to manage conflict were important.

Other qualities that employers are looking for are *initiative and enterprise, being able to work in a digital world, planning and organising and self-management skills*.

In our schools in the next coming months, *course counselling* sessions with young people will determine what subjects and courses they will be studying in the next year or two. These sessions are important as they determine what vocational pathways will be available to each young person and what choices they will have in regards to employment, further training or university courses.



Myfuture (www.myfuture.edu.au) is an excellent site for students and parents to explore what career opportunities they may be interested in. There is a vocational testing tool available on the site for young people to start exploring what their vocational interests are. There are also video clips about careers, and course information.

As parents/caregivers and teachers in the next few months, begin the discussions with young people around the options available to them and support them in developing their pathway plans.

Cherry Robinson
Industry Skills Manager

ADVANCED TECHNOLOGY PROJECT



Advanced Technology Project Expo
Advanced Technology Project (ATP) schools across the state will share their projects at the Education Development Centre (EDC), Milne Street, Hindmarsh, 9.00 am-3.00 pm on Monday 11 August. Schools are

encouraged to invite key staff, especially those not previously involved in the Advanced Technology Project, to join us for the chance to learn more about their school's connection with the program. School-based STEM teams will share outcomes of their Advanced Technology curriculum, which will focus on:

- learning design connected to the Australian Curriculum
- examples of learning design using inquiry to intellectually stretch and challenge all students
- reflections on building staff capacity in relation to the ATP

WASSN STEM Year 9/10 UniSA Enrichment Program - Days 2 and 3

This term, students involved in the WASSN STEM Year 9/10 Student Enrichment Program have participated in two days at UniSA, Mawson Lakes Campus. Sessions on Day 2 were 3D printing, and a visit to, and activities in the Planetarium. Day 3 focused on Penguin Pong and an App workshop. Once again, these excursions were enthusiastically supported by students and staff from across the WASSN schools. Special thanks go to Tracy Moore, Alice Gorman (Henley High) and Fiona Pettinau (Woodville High) for accompanying the students on Day 2, and Stuart Williams (Seaton High) and Jungmok Lee (Thebarton Senior College) for accompanying students on Day 3. Activities for the next three sessions are listed below.

Term	Week	Day	Date	Activities
3	4	Tuesday	12/08/14	Maths Experience
3	8	Monday	08/09/14	Materials Science Engineers without Borders
4	3	Tuesday	28/10/14	Microfluidics African Solar Taxi

Year 8 Specialist STEM Program

Year 8 students from Henley High, William Light, Findon High, Le Fevre High and Ocean View College came to Henley High for 2 half-days to construct an API Solar Car and participate in race and performance challenges in the Advanced Technology Centre. Both sessions were facilitated by Angelo Piantadosi, Henley High Design and Technology Coordinator. We were also fortunate to have Wen Soong, Head Lecturer of Engineering at The University of Adelaide and Kiyoon Kim, API Bursary student, who gave a short presentation about career opportunities in Power Engineering, then described his own experience, followed by the opportunity for students to ask questions. Term 3 sessions will be based on programming. The dates for these are still to be confirmed.

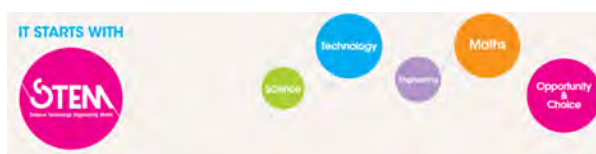
WASSN STEM and UniSA Teacher Professional Development (PD)

On Wednesday 18 June, 15 staff from WASSN schools attended the inaugural WASSN UniSA Teacher PD at Henley High. The program was facilitated by Graham Hardy and Bruce White from UniSA, and was based around increasing student engagement in STEM through changing pedagogy. Staff analysed an example of Inquiry-Based Learning, including exploring phenomena and tackling unstructured problems. The rest of the day was spent analysing individual school needs and ideas for further PD sessions with UniSA. Future dates for further sessions will be confirmed and advertised to staff in WASSN schools. It was fantastic to see many new faces attend this session - this will further strengthen the STEM Professional Learning Community within the Western Adelaide region.

Upcoming Events

- **WASSN STEM Meeting**, Thursday 31 July, 3.30-5.00 pm, Henley High.
- **Advanced Technology Project Expo**, Monday 11 August, 9.00 am-3.00 pm, EDC.
- **National Science Week**, 16-24 August.
- **Beach Energy Women in STEM Breakfast**, Monday 18 August, 8.30-10.30 am, Thebarton Senior College. Key note speakers are Flavia Tata Nardini (Launchbox) and Carrie Trembath (Senior Geologist/Petraphysicist Beach Energy). Contact Mike Jones or Stefania Pulford at Thebarton Senior College for details.
- **Electronics/Physics Workshop: "The Dragster Project"**, Thursday 28 August, Seaton High. One morning session and one afternoon session, each for approximately 25-30 students (four students per school plus one teacher). Session 1: 9.00-11.30am, session 2: 12.00-2.30 pm. Contact Toni Nash at Seaton High for details.
- **Beach Energy Discover Geoscience**, Tuesday 2 September, 9.00 am-2.30 pm, Thebarton Senior College. Hands-on Geology activities, including interactive ICT activities (one-to-one mobile technology). Speakers from Beach Energy and DMITRE. Contact Mike Jones or Stefania Pulford at Thebarton Senior College for details.
- **"Introduction to EV3 Lego Robotics and Data Logging"**, Thursday 18 September, 9.00 am-2.30 pm, Seaton High. A one-day workshop for teachers. Contact Toni Nash at Seaton High for details.

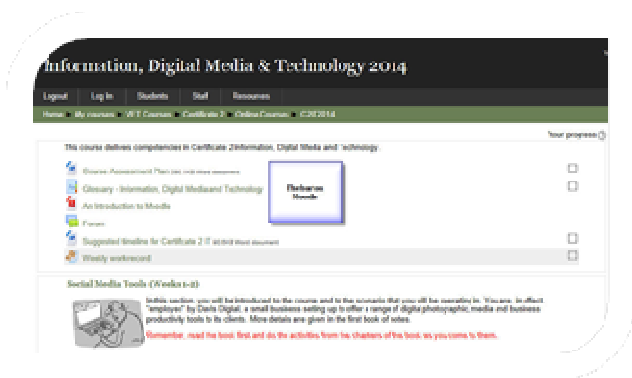
Sandra Moran
Regional ATP/STEM Manager
Assistant Principal, Henley High School



Information, Digital Media and Technology at Thebarton Senior College

Certificate II in Information, Digital Media and Technology

Certificate II in Information, Digital Media and Technology is offered as part of our Regional VET Programs, and is **delivered online** through the Thebarton Senior College Moodle. This entry level qualification provides the foundation skills and knowledge to use information and communications technology (ICT) in any industry.



According to the current labour market, jobs in the area of Office Assistant, Junior Office Support and Retail Assistant are on the rise. This course develops the skills required for starting a career in these areas. The course is designed as a company, "Davis Digital", and students work through real-life situations where computers are required. This course covers many current tools which are required in today's changing world, such as Social Media, Podcasts, Microsoft Applications, Digital Photos and hardware maintenance.

The contents of the course have been converted to 'Moodle Books'. These books have the advantage of covering the content in an engaging way for the learner, inviting them into the topic 'bit by bit'. Embedded videos also show step-by-step instructions for sections of the course.



The online course also has an in-built self-tracking feature, letting the learner know that the section is complete. Several forums allow learners to pose questions and comments, thus providing a platform for collaboration and interaction.

According to the students participating in this course, the content, online assignment submission and feedback

has provided them with an opportunity to study anywhere-anytime.

Certificate III in Information, Digital Media and Technology

Certificate III in Information, Digital Media and Technology is also offered as part of our Regional VET Programs. It is supported through the Thebarton Senior College Moodle, as well as face-to-face lessons. This course lays the foundation for a successful entry into Certificate IV.

Successful completion of this course provides 60 Stage 2 SACE Credits, and also provides individuals with skills and knowledge to be competent in a wide range of information and communication technologies, including computer hardware, optimising operating systems, supporting users, networking systems and installations and configurations.



In the current labour market, Certificate III is the minimum qualification required for a technical support role in ICT. With ICT skills, the likelihood of being employed is high. The ICT industry does not exist in its own right, but people from this field are employed across a range of other industries. This creates an impression that the industry is much smaller and jobs are in short supply. In reality, many ICT related vacancies remain unfilled because of lack of applicants; demand has actually outweighed supply in many ICT areas (source: www.graduatecareers.com.au).

Joy Chanda
Teacher/Trainer
Thebarton Senior College