

# **TAFE SA and Energy Education Australia Inc invite South Australian Secondary School Students to participate in the 2009 World Solar Challenge.**

## **Do you enjoy alternate energy forms?**

Join us in the 2009 World Solar Challenge traveling from Darwin to Adelaide with a team of predominantly secondary school students.

Energy Education Australia has been asked to manage Tafe SA's solar car Kelly in the Adventure Class of the challenge leaving Darwin, Northern Territory on Sunday 19th October 2009.



Several schools have already indicated their interest in offering their students the chance to be part of this experience. Participants have the opportunity to include the learning that the Solar Challenge offers as part of their Stage 1 and 2 SACE, as well as use their hands on experience as part of a Vocational Education Training Pathway (VET) organised through TAFE SA.

A combination or just one of the following disciplines are being sought from interested schools prepared to work with Tafe SA and EEA to form a combined team. Assistance from The Mathematical Association of SA Inc (MASA) and Design and Technology Teachers Association (DATTA) is also offered.

Areas of expertise to be studied include:

- Electronics
- Mechanics
- Statistics
- Navigation and GPS satellite tracking
- Nutrition and Home Economics
- Registered Drivers (P Plates accepted with limited or no demerits)
- Health and Hygiene
- Journalism
- Multimedia Design
- Publicity

Set criteria is required for applicants. TAFE SA and Energy Education Australia Inc reserve the right to accept or reject an applicant. Police Checks could be required for those over the age of 15 years.

## **SACE Subject Guide**

### **Vocational Education Training (VET) Course**

- The World Solar Challenge fits in with several components in a National Qualification working with TAFE SA.
- In the first instance discuss with your school's VET Coordinator the possible structure of subjects you can study at school.
- TAFE SA is prepared to assist you and your teacher with additional knowledge that is particularly relevant to the workings of Kelly. Some of this training could be at Regency Campus.

- Please ensure that TAFE SA, through Barbara Workman, Manager, Youth Pathways & Partnerships and the Energy Education Australia organisers are aware of your selected program.
- To ensure competency and unit accreditation can be achieved, please negotiate with Barbara Workman, TAFE SA's Youth Pathways & Partnerships Manager, your unit selection **before** commencement of any unit being linked to the World Solar Challenge.
- Energy Education Australia Cert IV TAA members will assist where-ever possible.

## **SACE Flexible Learning**

The World Solar Challenge will enable students to access a range of Flexible Learning options. There are subjects like Integrated Learning that are designed to help you package your new knowledge and skills that will provide you with Stage 1 or 2 subject level credit. You could also use Self-directed Community Learning. This means having an interview to discuss what you learnt through your participation in the Solar Challenge. Another possibility is to complete the St. John's Senior First Aid Certificate and Family Care course and so automatically get another SACE unit. The VET courses you do could also count as SSABSA-VET subjects at Stage 1 and 2 level. This will be dependent upon the negotiations with TAFE SA.

**For all students involved in the Secondary Schools Combined World Solar Challenge**, several weekends will be required where students from different schools will need to work together in preparation for the event.

Each student will need to be in excellent health and fitness for the event. A healthy diet prior to the event is essential and guidelines will be given mid year to follow to ensure that each participant's fitness and physique is ready for the ten days of a grueling, challenging but enjoyable experience. To that extent the Australian Institute of Sport guidelines for road events will be closely followed.

In the near future additional course material will be listed here so please come back soon.

## **Non EEA Links referred to on this page:**

- **SSABSA web site**  
<http://www.ssabsa.sa.edu.au/>
- **SSABSA's VET subjects information**  
<http://www.ssabsa.sa.edu.au/vet/index.php>
- **SSABSA's Step Up web site**  
<http://www.stepup.ssabsa.sa.edu.au/>
- **TAFE SA**  
<http://www.tafe.sa.edu.au>
- **Australian Institute of Sport General Fact Sheets covering hydration, cramps etc**  
<http://www.ausport.gov.au/ais/nutrition/factsheets>
- **Australian Institute of Sports Nutritional guidelines**  
<http://www.ausport.gov.au/ais/nutrition>.

Further information can be requested by:

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