

# Training Course for Road Safety Auditors

12 - 15 April 2005



Centre for  
Automotive Safety Research



in conjunction with



A course designed to produce trained Road Safety Auditors in line with the national guidelines for accreditation of Road Safety Auditors

Bonython Jubilee Building  
University of South Australia  
City East Campus  
North Terrace Adelaide

## Overview

'Prevention is better than cure' is a widely accepted principle that has taken root in the application of road safety audit to road design and traffic engineering, involving checking the design of new roads and road improvement projects for primary safety. Road safety audit is an essential and integral part of the general process of continuous safety monitoring aimed at ensuring the provision of maximum levels of safety for all road users. The particular role of road safety audit is to minimise the potential for future accident problems by anticipating them and thereby initiating pro-active measures that prevent the problem from emerging – 'get it right the first time'.

AUSTROADS defines road safety audit as 'a formal examination of an existing or future road or traffic project, or any project which interacts with road users, in which an independent, qualified examiner reports on the project's accident potential and safety performance'. The earlier in the design process that a road safety audit occurs, the more likely that an effective influence on safety in the project can be attained. The AUSTROADS road safety audit process recognises this principle and offers a five stage audit process which emphasises early intervention.

Road safety audit is conducted by independent, qualified auditors, usually working in teams, who submit written audit reports through a formal management process. Written responses by project managers then follow as part of this process.

The training of suitably qualified auditors is therefore an essential part of the process of road safety audit.

National guidelines for the formal accreditation of road safety auditors were developed at the Road Safety Audit Summit held in Adelaide in May 1997. These guidelines are:

- (a) five years (minimum) relevant experience in road design, traffic engineering, road safety engineering or other closely related road safety discipline;
- (b) successful completion of a road safety audit training course, approved and recognised by a State Road Authority;
- (c) participation in at least five road safety audits under the guidance/leadership of a Senior Auditor, of which at least three must be design stage audits, and another must be a Stage 4 or 5 Audit, and
- (d) certify maintenance of knowledge and experience by participating in at least one audit per annum.

To be listed as a road safety auditor, one is required to satisfy points (a) and (b) above. Listing as a Senior Road Safety Auditor requires one to satisfy points (a), (b) and (c) above. Both levels of auditor will be required to satisfy (d) in order to remain on the list of accredited auditors.

The course outlined in this brochure is recognised by Transport SA and therefore satisfies point (b) above. Individuals who successfully complete the course will have completed two of the required audits under point (c).

Course participants need to have suitable experience and qualifications as indicated under point (a) above, or be close to attaining that experience.

Places in the course are strictly limited, to maximise the opportunities for participants to gain deep understanding and insight into road safety audit, and to allow full opportunity for active participation in the workshop activities.

## The course presenters

The principal presenters for the course are Professor Michael Taylor, Dr Wen Long Yue and Dr Jeremy Woolley.

Professor Taylor is Professor of Transport Planning and Director of the Transport Systems Centre (TSC) at the University of South Australia. He has a long career of research, teaching and consulting in transport engineering, and along with Mr Dan Fardon developed the original (1996-97) road safety audit courses for Transport SA.

Dr Yue (TSC) and Dr Woolley (Centre for Automotive Safety Research, University of Adelaide) have substantial reputations as both road safety researchers and road safety auditors.

Other presenters, including Mr Dan Fardon, will assist with specialised topics within the course. These will include practising road safety auditors, legal experts, and traffic and highway engineers. The course aims at a balance between principles, practice and future development in road safety audit, and to this end involves the right people to deliver and supervise each aspect of the course program.

Active participation in the whole course by each registrant is sought, and thus registrants themselves play vital roles in the course delivery, as part of an intensive adult learning experience.

## Format

The course, first presented in its present form in 1998, is a streamlined version of the road safety audit training workshops run by the TSC for Transport SA in 1996-97. The new course maintains the focus of its predecessor on 'hands on' practice and immersion in the road safety audit philosophy, with practical applications and a reliance on active learning methods for professional development. Course participants form 'consultancy' groups in the workshop and most of the workshop activities are built around these groups. Participants are subject to a process of assessment, evaluation and feedback on their performance in the audit exercises and projects. The workshop runs over four days, with formal sessions on days 1, 2 and 4. Day 3 involves field work and group participation in an audit project.

## Draft Program (subject to change and confirmation)

### Day 1, 12 April 2005

- 08.30 Registration
- 09.00 Introduction, principles of road safety audit
- 11.00 Audit guidelines, procedures and reports
- 13.30 Road users and their different safety needs
- 15.30 Audits at feasibility, draft and detailed design stages

### Day 2, 13 April 2005

- 09.00 Role play on audit management
- 11.00 Audits of existing roads, including checklists
- 13.30 Legal and institutional aspects
- 15.30 Audits at pre-opening or post-construction stages
- 17.30 Evening site inspections

### Day 3, 14 April 2005

- 09.00 Decision support systems for road safety audit
- 10.30 Office and field work in audit consultancy groups

### Day 4, 15 April 2005

- 09.00 Examination (multiple choice) on audit concepts and principles
- 11.00 Consultancy group activity: audits of development projects
- 13.30 Client-Auditor-Designer relationships
- 15.30 Presentation of group audit findings  
Summary and concluding discussions

Morning/afternoon tea and lunch will be provided throughout the workshop. Course participants seeking an assessment from the course will be expected to submit reports on their projects within a week of the course completion.

## Accommodation

Participants from outside Adelaide may be interested in obtaining accommodation. The hotels listed below have indicated that the following rates would apply for workshop participants.

### The Mansions Quest Inn

1 Pulteney Street, Adelaide  
Tel: (08) 8232003 Fax: (08) 8223 4559  
Rates: \$105.00 Studio Apartment  
\$114.00 Double

### Pacific International Apartments on Frome

82 Frome Street, Adelaide  
Tel: (08) 8223 9000 Fax: (08) 8223 9099  
Rates: \$130.00 Studio Apartment  
\$150.00 Two Bedroom  
Email contact: travis.hill@pacificinhotels.com

All prices include GST.

Participants should contact the hotels direct to make their bookings. Please note that the hotels are heavily booked at this time of year, so please ensure that you make your accommodation booking early to avoid disappointment. You need to advise that you are booking through the University of South Australia to obtain the discount rates.

For further details on the course please contact:

- Ms Doris Hooper on (08) 8302 1771, fax (08) 8302 1880, email [doris.hooper@unisa.edu.au](mailto:doris.hooper@unisa.edu.au) with regard to administrative and accommodation matters
- Professor Michael Taylor on (08) 8302 1861, fax (08) 8302 1880, email [MAP.Taylor@unisa.edu.au](mailto:MAP.Taylor@unisa.edu.au) with regard to technical matters and course requirements

## TAX INVOICE

**This will be a tax invoice once paid.**

**ABN: 37 191 313 308**

**All amounts quoted include GST.**

## Registration form

Places in the course are strictly limited and will be allocated in order of receipt of your completed registration form and payment of the registration fee. Your registration form should reach the TSC by 29 March 2005. It should be sent to *The Course Administrator, Training Course on Road Safety Audit, Transport Systems Centre, University of South Australia, GPO Box 2471, Adelaide SA 5001*, or may be faxed to (08) 8302 1880. Registrations by email, including credit card payment only, may be sent to [doris.hooper@unisa.edu.au](mailto:doris.hooper@unisa.edu.au).

Name: \_\_\_\_\_

Organisation: \_\_\_\_\_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Position: \_\_\_\_\_

Brief statement (50 words) on your qualifications and professional experience (see statement of national guidelines for road safety auditors):

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## Registration Fees/Payment Method

Registration fee includes GST.

### Early Bird

up to 15 March

Fee \$1,540.00

Cheque payable to the University of South Australia

Payment by Credit Card

Card type: Bankcard  Mastercard  Visa

Card number:

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Expiry date: \_\_\_\_/\_\_\_\_/\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

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Signature: \_\_\_\_\_