Registration Information

Registration Fees and Acknowledgment
The full fee for a single registration for each course is AU$1,470. To undertake both Public Transport Planning I and II will require two registrations costing AU$2,940. Registration includes: attendance, short course notes, lunches, morning and afternoon teas and attendance at the short course dinner. Accommodation costs are not included in the registration fee. All fees are charged in Australian dollars. All fees quoted are exclusive of GST.

On receipt of your completed registration form, your registration will be acknowledged in writing via email and you will receive details of the short course venue.

Discounts
A discount of AU$200 is offered for early bird registration per course ($400 for both).

Early Bird Registration Closes
Monday 8 October 2012 @ 8.00 pm Australian Eastern Standard Time

Refunds
If you have to cancel your registration, your fee will be refunded in full provided that we receive your cancellation request in writing no later than 20 working days prior to the short course. Cancellations after that date and up to 15 working days before the start of the short course result in 75% of your fee being refunded. After that date, no refunds are available. A replacement can be nominated if you cannot attend.

Registration and Payment Details
To register your attendance at the short course(s) and pay, please visit the following website:
Payment is by credit card (Visa/Mastercard), cheque or tax invoice.

Venue
The venue for the short courses is:

Brisbane, Queensland:
Grand Chancellor Hotel
23 Leichhardt Street
Spring Hill Queensland
Website: www.grandchancellorhotels.com
Telephone: (07) 3831 4055
Toll Free for Australia: 1800 75 33 79

Transport Access and Accommodation
The short courses venue is located in the Brisbane CBD and is easily accessible by public transport. Parking is available at commercial car parks in Brisbane. Brisbane has numerous hotels/ motels available for accommodation if required.

Who Should Attend?
The short courses are designed for practicing public transport professionals or those involved in the transport and planning industry who have an interest in public transport planning. If you are new to the field and wish to have some formal exposure to the fundamentals, or if you have been practising for some time and wish to undertake a refresher and be exposed to recent state of the art developments, then this short course should form part of your professional development program.

The focus of the courses is route, network and strategic planning which is relevant to bus, tram and rail service planners. It is expected that those involved in operating, planning and marketing services will find value in the course as well as those from State, Regional and Local Government planning agencies. Consultants involved in traffic and public transport planning will also find the course useful and relevant. Members of the general public with an interest in public transport are invited to attend.

Participation in the short course supports the continuing professional development requirements of the Institute of Engineers, Australia. All full-time participants will be issued with an attendance certificate.

Short Course Organisation
These courses are being organised by the Institute of Transport Studies at Monash University, the Australian Research Council Key Centre in Transport Management. The mission of ITS (Monash) is to progress transport knowledge and practice and it seeks to do that through a variety of initiatives focussed on education programs, research and community and professional services.

Rebate Towards Postgraduate Degree
Attendees at this short course are eligible for a rebate on the enrolment for one unit towards the Postgraduate Program in Transport and Traffic. As of July 2006, the unit ‘Fundamentals of Urban Public Transport’ is being offered as part of this program.

Contact details
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Clayton Campus
Monash University Victoria 3800 Australia
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Facsimile: +61 (3) 9905 9493
Email: brenda.okeefe@monash.edu
Website: http://www.eng.monash.edu.au/civil/research/centres/its/confs-workshops/

Note: Monash University reserves the right to cancel any courses with low enrolments. In this event all course fees paid will be fully refunded.

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www.monash.edu

Disclaimer information
CRICOS provider: Monash University 0008BC

Monash University

Planning Public Transport Services I
Planning Public Transport Services II
Institute of Transport Studies (Monash)

Two Short Courses in Public Transport Planning
A practical guide to strategic and operations planning, network design, economic appraisal methods, data collection, performance measurement, market forecasting and priority for bus, tram and rail services

Venue: Brisbane, Australia
Dates: 29 October to 1 November 2012

In association with the Transport Research Centre, University of Auckland (TRC-UANZ)
The Institute of Transport Studies
The Australian Research Council Key Centre in Transport Management
Monash University

Australia ■ Malaysia ■ South Africa ■ Italy ■ India

GROUP OF EIGHT

www.eng.monash.edu.au
Introduction
Transport is now a major challenge for Australasian cities. Traffic congestion costs are forecast to more than double by 2020. Traffic is degrading the quality of our inner cities. As many citizens die each year from pollution related to urban transport as they do from traffic accidents. As the costs of petrol rise, the disadvantaged in society are further marginalised. Our increasing dependence on cars is already recognised as unsustainable, risking our economic future through oil dependence. Providing high quality public transport has long been seen as a pro-active means of addressing these issues. However, Public Transport service planners and operators face a range of practical financial, operational and social challenges in developing services. Financial pressures in particular demonstrate a need for increased productivity in achieving improved outcomes.

The Institute of Transport Studies at Monash University is offering two short courses in public transport planning in Brisbane in 2012. Both courses are being provided in association with the Transportation Research Centre at the University of Auckland. These courses have been run before in Australia and New Zealand. Students can either decide to undertake a refresher of a course they have already undertaken or to do a new course. Those new to these courses can elect to do one or both of the courses which are being run concurrently.

The courses cover public transport planning topics identified as priorities for learning by participants in previous courses run by Monash University. They are designed to be relevant to all conventional public transport modes including bus, tram and rail.

Planning Public Transport Services I
A practical guide to operations planning, market forecasting and economic appraisal methods for the development of bus and tram services. Key issues addressed at this short course:
- Frequency determination
- Vehicle scheduling
- Demand forecasting
- Service reliability management
- Financial and economic appraisal of transit route development projects
- Timetable development

Planning Public Transport Services II
A practical guide to strategic and operations planning, network design, data collection, performance measurement and priority design for bus, tram and rail services. Key issues addressed at this short course:
- Strategic perspectives
- Network and route design
- Data collection
- Performance measurement
- Priority for on-road public transport
- Operations planning and crew scheduling

Short Course Leaders
The short courses are being led by:
- Professor Graham Currie, Australia’s first Chair in Public Transport and an internationally recognised public transport service planner and researcher. Professor Currie is an ex service planner with London Transport and is Vice Chair of the US Transport Research Boards committee on Light Rail Transit and a member of the Bus Transit Systems, and Public Transport Planning and Development committees. He is developer of the www.worldtransnresearch.info research cleanhouse.
- Professor Avi Ceder, a leading international researcher and lecturer in the field of public transport operations; is Chair in Transportation and Director of the Transportation Research Centre at the University of Auckland. Professor Ceder is a major author and lecturer on public transport operations planning and has delivered public transport short courses in Hong Kong, Australasia, Europe and North America (MIT and Berkeley). He has authored a leading international book in the field “Public Transit Planning and Operation” Elsevier, 2007.

Draft Program
Planning Public Transport Services I
At a Route Level

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<th>Draft Program</th>
<th>Planning Public Transport Services I</th>
<th>At a Route Level</th>
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<td><strong>Brisbane</strong></td>
<td>Monday 29 October 2012</td>
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<tr>
<td><strong>Registration and Tea/ Coffee</strong></td>
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<td>Welcome and Short Course Opening</td>
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<td>Approaches to Frequency Determination</td>
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<td>- Professor Currie</td>
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<td><strong>Afternoon Tea</strong></td>
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<td>Route Level Demand Forecasting Part Two</td>
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Draft Program
Planning Public Transport Services II
Network and Strategic Perspectives

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<td><strong>Morning Tea</strong></td>
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<td>Performance Measurement</td>
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<td>- Professor Ceder</td>
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<td><strong>Afternoon Tea</strong></td>
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<td>Data Collection Methods</td>
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<td>- Professor Ceder</td>
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