Registration Information

Registration Fees and Acknowledgment
The full fee for a single registration for each course is $1,200. To undertake both Public Transport Planning I and II will require two registrations costing $2,400. Registration includes: attendance, short course notes, lunches, morning and afternoon teas and attendance at the short course dinner. Only one short course dinner will be held in each city. Accommodation costs are not included in the registration fee.

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 $210 is offered for early bird registration per course

**Early Bird Registration Closes**
- Melbourne: Monday 3 September
- Brisbane: Monday 17 September

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 10 working days prior to the short course. Cancellations after that date and up to 3 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 always be nominated if you cannot attend.

Registration and Payment Details
All registrations and payment are by credit card via our web site: civil.eng.monash.edu.au/itsworkshops

Venue
The venue for the short courses are:
- Melbourne: Monash Conference Centre, Level 7 30 Collins Street, Melbourne, Victoria
- Brisbane: Holiday Inn, above Roma St Station Brisbane, Queensland

Transport Access and Accommodation
Both conference centres are in the CBD and are easily accessible by public transport. Parking is available at commercial car parks in each city. Both cities have 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 both State 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 within 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 short courses are being organised by the Institute of Transport Studies at Monash University, the Australian 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 a new unit “Fundamentals of Urban Public Transport” is being offered as part of this program. Further details are available via the following website: civil.eng.monash.edu.au/courseworkdegrees/transportandtraffic/unitdetails

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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

- **Melbourne**
  - 1 to 4 October 2007
  - Venue: Monash Conference Centre, Level 7, 30 Collins Street
  - Melbourne, Victoria

- **Brisbane**
  - 15 to 18 October 2007
  - Venue: Holiday Inn, above Roma St Station
  - Brisbane, Queensland
Introduction
Transport is now a major challenge for Australian cities. Traffic congestion costs are forecast to more than double by 2015. Traffic is degrading the quality of our inner cities. As many Australians 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.
The Institute of Transport Studies at Monash University is offering two short courses in public transport planning in both Melbourne and Brisbane in 2007. Both courses have been run before in Australia and 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
• Economic appraisal methods for the development of bus and tram services.

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 course is 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 a member of the US Transport Research Boards committees on Bus Transit Systems and also Light Rail Transit Systems.
• Professor Avi Ceder, a leading international researcher and lecturer in the field of public transport operations. Based at the Technion Israel Institute of Technology, 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 just released a new book “Public Transit Planning and Operation” Elsevier, 2007.

Draft Program
Planning Public Transport Services I
At a Route Level

Melbourne: Monday 1 October 2007
Brisbane: Monday 15 October 2007

8:15-8:45 am Registration and Tea/Coffee
8:45-9:00 am Welcome and Short Course Opening
9:00-10:30 am Approaches to Frequency Determination
– Professor Ceder
10:30-11:00 am Morning Tea
11:00-12:30 pm Timetable Development
– Professor Ceder
12:30-2:00 pm Lunch
2:00-3:30 pm Route Level Demand Forecasting Part One
– Professor Currie
3:30-4:00 pm Afternoon Tea
4:00-5:30 pm Route Level Demand Forecasting Part Two
– Professor Currie

Draft Program
Planning Public Transport Services II
Network and Strategic Perspectives

Melbourne: Wednesday 3 October 2007
Brisbane: Wednesday 17 October 2007

8:15-8:45 am Registration and Tea/Coffee
8:45-9:00 am Welcome and Short Course Opening
9:00-10:30 am Strategic Perspectives
– Professor Currie
10:30-11:00 am Morning Tea
11:00-12:30 pm Overview of Operations Planning
– Professor Ceder
12:30-2:00 pm Lunch
2:00-3:30 pm Performance Measurement
– Professor Currie
3:30-4:00 pm Afternoon Tea
4:00-5:30 pm Data Collection Methods
– Professor Ceder

Melbourne: Thursday 4 October 2007
Brisbane: Thursday 18 October 2007

9:00-10:30 am Modelling Transit Network (Route) Design
– Professor Ceder
10:30-11:00 am Morning Tea
11:00-12:30 pm Network Design in Practice and Transit Planning for Social Needs
– Professor Currie
12:30-2:00 pm Lunch
2:00-3:30 pm Design of Shuttle/Feeder Services
– Professor Ceder
3:30-3:45 pm Afternoon Tea
3:45-5:00 pm Priority for On-Road Public Transport
– Professor Currie
5:00-5:30 pm Closing Session – Attendance Certificate Presentation