

Registration Information

Registration Fees and Acknowledgment

The full fee for a single registration for each course is AUD\$1,400. To undertake both Public Transport Planning I and II will require two registrations costing AUD\$2,800. 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. All fees quoted are exclusive of GST. All fees are charged in Australian dollars.

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 AUD\$200 is offered for early bird registration per course (\$400 for both).

Early Bird Registration Closes

Adelaide: Monday 5 October 2009 @ 8.00 pm Australian Eastern Time

Melbourne: Tuesday 13 October 2009 @ 8.00 pm Australian Eastern 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 10 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

All registrations and payment are by credit card via the short course web site: www.civil.eng.monash.edu.au/itsworkshops

Venue

The venue for the short courses are:

Adelaide, South Australia: Lands Division Training Room
Level 3, 101 Grenfell Street
Adelaide South Australia

Melbourne, Victoria: Monash Conference Centre
Level 7, 30 Collins Street
Melbourne Victoria
Telephone: (03) 9903 8000

Transport Access and Accommodation

Both conference centres are in the CBD of cities 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, 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 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. The unit 'Fundamentals of Urban Public Transport' is being offered as part of this program.

civil.eng.monash.edu.au/courseworkdegrees/transportandtraffic/unitdetails

Contact details

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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

Adelaide, South Australia
Dates: 2 to 5 November 2009
Venue: Lands Division Training Room
Level 3, 101 Grenfell Street
Adelaide, South Australia

Melbourne, Victoria
Dates: 10 to 13 November 2008
Venue: Monash Conference Centre
Level 7, 30 Collins Street
Melbourne Victoria

In association with the Transportation Research Centre, University of Auckland (TRCUA)

Introduction

Transport is now a major challenge for Australasian cities. Traffic congestion costs are forecast to more than double by 2015. 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.

The Institute of Transport Studies at Monash University is offering two short courses in public transport planning in both Melbourne and Adelaide in 2009. These are being provided in association with the Transportation Research Centre at the University of Auckland. 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
- 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 a member of the US Transport Research Boards committees on Bus Transit Systems, Light Rail Transit Systems and Public Transport Planning and Development.
- Professor Avi Ceder, a leading international researcher and lecturer in the field of public transport planning and operations. Currently based at the University of Auckland, and is from the Technion-Israel Institute of Technology, Professor Ceder is a major author and lecturer on public transport, and has delivered public transport short courses in Hong Kong, Australasia, Europe and the USA (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



	Adelaide Monday 2 November 2009	Melbourne Tuesday 10 November 2009
Registration and Tea/Coffee	8:15 - 8:45 am	8:15 - 8:45 am
Welcome and Short Course Opening	8:45 - 9:00 am	8:45 - 9:00 am
Approaches to Frequency Determination - Professor Ceder	9:00 - 10:30 am	9:00 - 10:30 am
Morning Tea	10:30 - 11:00 am	10:30 - 11:00 am
Timetable Development - Professor Ceder	11:00 - 12:30 pm	11:00 - 12:30 pm
Lunch	12:30 - 2:00 pm	12:30 - 2:00 pm
Route Level Demand Forecasting Part One - Professor Currie	2:00 - 3:30 pm	2:00 - 3:30 pm
Afternoon Tea	3:30 - 4:00 pm	3:30 - 4:00 pm
Route Level Demand Forecasting Part Two - Professor Currie	4:00 - 5:30 pm	4:00 - 5:30 pm

	Adelaide Tuesday 3 November 2009	Melbourne Wednesday 11 November 2009
Approaches to Vehicle Scheduling - Professor Ceder	9:00 - 10:30 am	9:00 - 10:30 am
Morning Tea	10:30 - 11:00 am	10:30 - 11:00 am
Service Reliability Planning - Professor Ceder	11:00 - 12:30 pm	11:00 - 12:30 pm
Lunch	12:30 - 2:00 pm	12:30 - 2:00 pm
Public Transport Project Evaluation Part One - Professor Currie	2:00 - 3:30 pm	2:00 - 3:30 pm
Afternoon Tea	3:30 - 3:45 pm	3:30 - 3:45 pm
Public Transport Project Evaluation Part Two - Professor Currie	3:45 - 5:00 pm	3:45 - 5:00 pm
Closing Session – Attendance Certificate Presentation	5:00 - 5:30 pm	5:00 - 5:30 pm
Combined Dinner for Short Courses I and II (venue to be advised after registration)	5:45 - 8:45 pm	5:45 - 8:45 pm

Draft Program

Planning Public Transport Services II Network and Strategic Perspectives



	Adelaide Wednesday 4 November 2009	Melbourne Thursday 12 November 2009
Registration and Tea/Coffee	8:15 - 8:45 am	8:15 - 8:45 am
Welcome and Short Course Opening	8:45 - 9:00 am	8:45 - 9:00 am
Strategic Perspectives - Professor Currie	9:00 - 10:30 am	9:00 - 10:30 am
Morning Tea	10:30 - 11:00 am	10:30 - 11:00 am
Overview of Operations Planning - Professor Ceder	11:00 - 12:30 pm	11:00 - 12:30 pm
Lunch	12:30 - 2:00 pm	12:30 - 2:00 pm
Performance Measurement - Professor Currie	2:00 - 3:30 pm	2:00 - 3:30 pm
Afternoon Tea	3:30 - 4:00 pm	3:30 - 4:00 pm
Data Collection Methods - Professor Ceder	4:00 - 5:30 pm	4:00 - 5:30 pm

	Adelaide Thursday 5 November 2009	Melbourne Friday 13 November 2009
Modelling Transit Network (Route) Design - Professor Ceder	9:00 - 10:30 am	8:30 - 10:00 am
Morning Tea	10:30 - 11:00 am	10:00 - 10:30 am
Network Design in Practice and Transit Planning for Social Needs - Professor Currie	11:00 - 12:30 pm	10:30 - 12:00 pm
Lunch	12:30 - 2:00 pm	12:00 - 1:30 pm
Design of Shuttle/Feeder Services - Professor Ceder	2:00 - 3:30 pm	1:30 - 3:00 pm
Afternoon Tea	3:30 - 3:45 pm	3:00 - 3:30 pm
Priority for On-Road Public Transport - Professor Currie	3:45 - 5:00 pm	3:30 - 5:00 pm
Closing Session – Attendance Certificate Presentation	5:00 - 5:30 pm	5:00 - 5:30 pm