

Continuing Professional Development Short Course

Transit Network Design

presented by Dr Jarrett Walker



Transit Network Design: an Interactive Course provides participants from any background with an overview of transit network design principles, enabling them to form more confident and resilient opinions on public transport improvements. This is achieved through hands-on planning exercises that use public transit as a tool for building networks that most effectively link centres and neighbourhoods. Learning in this way provides insights into the role played by network geometry and spatial relationships between centres to enhance access for communities. While many approaches focus on quantifying travel demand and understanding transport statistics, this approach focuses on the pragmatic considerations of physical networks and urban form.

About Dr. Jarrett Walker

Dr. Jarrett Walker is an international consultant in public transit network design and policy, having led and worked on transit planning projects in North America, Australia and New Zealand since 1991. He currently serves as a Principal Consultant with MRCagney in Australia. His new book *Human Transit: how clearer thinking about public transit can enrich our communities and our lives*, is now available and published by Island Press.

Course contents

This two-day course is built around a series of step-wise exercises where participants work in teams to design transit networks for a fictional city. The exercises and guidance provide instruction in the concepts and principles of transit network geometry and design, interaction with land-use patterns and urban form, service frequency, right-of-way and basic operating costs.

Who should attend?

The course provides a unique opportunity for practitioners, students and local government staff working in a variety of fields to become fluent in the language and concepts of transit network design enabling them to prescribe and provide feedback on the appropriateness of transit services for communities.

The course will attract professional development points: 14 points (PIA) and 28 points (CILTA).

Course outcomes

- > Familiarity with concepts and language of public transport planning
- > Hands-on experience working with transit as a tool
- > Networking opportunities with fellow practitioners
- > Comprehensive set of course notes
- > Certificate of attendance



Date: Monday 26 and Tuesday 27 March 2012

Time: 9.00am-5.30pm

Lunch and refreshments will be provided throughout the day.

Location: Aerial Function Centre

Level 7, UTS Building 10. Enter at 235 Jones St Ultimo

Cost: \$950 (incl. GST) per person. Subsidised places available for students on first-come-first-serve basis by contacting travelplanning@isf.uts.edu.au

Registration: Online at <https://shortcourses-bookings.uts.edu.au/ClientView/Schedules/ScheduleDetail.aspx?ScheduleID=747>

Further information:

This short course is the first in a series to be offered by the Institute. For more information about other short courses in sustainable transport, please email travelplanning@isf.uts.edu.au or contact Dr Michelle Zeibots on +61 2 9514 4900.