

# Professional Certificate Series

*Master of Science in Urban Transport Management*



**LTA** ACADEMY  
SINGAPORE

## Public Transport Management

**5 – 8 Oct 2011**



Delivered by :  
**Prof Jeffrey M Casello**  
Associate Professor, School of Planning  
Department of Civil and  
Environmental Engineering  
University of Waterloo

## Traffic & Congestion Management

**10 – 13 Oct 2011**

Delivered by:  
**Dr Chin Kian Keong**  
Chief Transportation Engineer  
Land Transport Authority, Singapore



**PDU: Pending**

This series are regular modules of the Master in Urban Transport Management, jointly administered by SIM University and LTA Academy. We allocate a few seats for aspiring professionals who wish to enhance their expertise on the subjects. Both programmes will be conducted at LTA Academy, Singapore.

## **Programme Overview: Public Transport Management**

This programme is designed to introduce participants to advanced topics in transit planning and operations. It covers the historical evolution of transit in cities; the technological innovations which made transit possible; and transit mode definitions and travel regimes. Critical planning concepts such as scheduling; level of service; capacity; and networks, particularly lines and geometries are addressed. Transit operating agencies' organizational structures and operational procedures are introduced. Qualitative and quantitative planning objectives and models are presented; the importance of ITS technology in transit operation is evaluated. Methods to evaluate and select potential transit modes are described.

## **Programme Overview: Traffic and Congestion Management**

Traffic Congestion is a major concern in many cities of the world as it undermines the effectiveness and efficiency of the entire economic system as well as the quality of urban living. This programme is intended to provide the theory behind the many traffic and congestion management techniques, and the rationale for adopting the practices. It makes reference to many traffic and congestion management schemes that are in use presently, to provide the connection between theory and practice.

### **Who Should Attend**

Engineers, Planners, Architects, Government Officials, Public Transport Operators, Consultants, Developers, Contractors, Researchers, Academics, and International Organisations



### **Contact Us**

Please visit [www.unisim.edu.sg/ogs](http://www.unisim.edu.sg/ogs) for more information or contact: +65 6248 5783 / +65 6396 1576  
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### **Fees per Programme**

**Singapore Citizen / Permanent Resident: SGD \$2,675**

**Non- Resident: SGD \$3,210**

**\* Inclusive of GST, Notes, Site Visits, Tea- Breaks & 1 Networking Lunch**