

UITP Training Program: Public Transport Fundamentals

July 10-12, New Jersey/NYC, USA

UITP Academy is launching a training program on Public Transport Fundamentals between July 10-12, 2023 with Regional Training Center, New Jersey Transit.

Here is what you will learn

- Gain a fundamental **knowledge** on **public transport and sustainable urban mobility**
- Increase awareness on the **indispensability of public transport and sustainable mobility** solutions in cities
- Allow exchange of knowledge by tapping on **UITP's international expertise**
- Present and discuss basic definitions related to the **organisation and management of public transport** and illustrate these with examples
- Provide a conducive platform for **networking opportunities and interaction** among participants

A top-level methodology

- Get inspired by our trainers, understand the **main concepts**, and learn from successful **best practice**
- Participate in **interactive plenary sessions** with introductions by course leaders, presentations by trainers and open discussions with participants
- Challenge **your practical knowledge** on public transport
- Address the topic from **an international perspective**, enriched with diverse cultural approaches and points of views
- Benefit from a unique exchange of knowledge and experience between professionals

UITP Training Programmes and all related processes are certified for ISO29990:2010 – the standard for learning services for non-formal education and training.

Who is it for?

- Junior and senior professionals entering the field of public transport (less than 2 years' experience in public transport)
- Applicants must have a good command of English to appreciate the programme

Inspiring trainers

Our skillful trainers are composed of international experts and professionals with extensive experience and knowledge on public transport.

All sessions will take place at 09:00 AM New Jersey Time

Day 1

- 09:00** **Welcome & Introduction to the course**
Expectation Analysis
Jaspal Singh, Head of NAM, UITP
New Jersey Transport
- 09:30** **Session 1: The indispensability of public transport and urban mobility trends**
Emre KIRAN, Head of UITP Academy
- Why Public transport?
 - Challenges and opportunities at global and urban levels
 - Contribution to economic, environmental and social policies
 - Mega-trends and impact on urban mobility and public transport
- 11:00 *Break*
- 11:30** **Session 2: Public transport modes and the modal choice issue – Focus on Urban Rail**
- Introduction to rail, metro and light rail
 - Tramways and Light rail systems
 - Commuter and regional rail
 - Metro, automated metros, suburban railways
 - Comparison to other modes and modal choice
- 13:00 *Lunch*
- 14:00** **Session 3: Public transport modes and the modal choice issue – Focus on Bus**
- Introduction to bus mode
 - Bus systems, BRT, Trolleybus and new energies
 - Fuel cell and Electric bus
- 15:30 *Break*

16:00 **Session 4: Public Transport and the city: the main pillars of sustainable mobility in cities**

Emre KIRAN, Head of UITP Academy, & Rutgers

- The three pillars of sustainable mobility in cities
- Integration of public transport and urban planning
- Demand management (control and pricing of car use and parking)
- Development of the public transport offer

17:30 *End of Day 1*

Social Activity to be confirmed by New Jersey! (if planned)

Day 2

09:00 **Session 5: Funding in Public Transport**

NJ Transit and UITP

- Funding: a business case for public transport
- Revenue strategy and fare policy
- Earmarked taxes and levies
- Land value capture

10:00 *Break*

10:30 **Session 6: Combined mobility: integrating new mobility services**

Jaspal Singh, Head of NAM, UITP

- Development of alternative mobility services: taxi, car sharing, bike sharing, carpooling, TNC/ride sharing, micro-mobility etc.
- Integration and Mobility as a Service (MaaS)

11:30 **Session 7: Human Resources in public transport**

North America

- Corporate Management
- HR challenges in public transport today

13:30 **Session 8: Public transport regulation and organisation**
NJ Transit and UITP

- Organizational principles and forms
- Advantages and limits of different forms of organization
- Decision levels
- Regulatory frameworks and right of initiative
- Competition for the market

15:00 *Break*

15:30 **Session 9: Digitalization in Public Transport**
Jaspal & Vendor

- Typical IT systems and IT tasks
- Travel information
- Electronic ticketing
- Social media

17:00 *End of day 2*

Day 3

09:00 **Session 10: Marketing in public transport**
North America

10:00 **Host Presentation: New Jersey initiatives**

11:00 Break

11:15 **Panel Discussion: Development of PT in NAM**

12:00 **Wrap-Up, Evaluation, Certificates**

**Lunch pack will be provided*

12:15 **Departure for the technical visit**



End of Training Program



**UITP reserves the right to make amendments to the program or any related activity at its discretion.*