

IN-PERSON TRAINING 

RAIL OPERATIONS AND MAINTENANCE

OCTOBER 2 > 4, 2023
NEW JERSEY, USA

Join UITP Academy for Rail Operations and Maintenance, a comprehensive training designed to help you master the fundamentals of rail systems. Discover best practices for effective and efficient operations, maintenance procedures, and modern technologies. Our expert-led program incorporates the latest industry trends, and equips you with the skills and insights to deliver best-in-class rail service.



[Register Here](#)

LEARNING OBJECTIVES

- Understand the key elements of rail transport operations planning and execution
- Explain the fundamentals of rail asset management, and apply its principles to facility and fleet maintenance planning:
- Develop and implement a predictive maintenance program for facilities and fleets.
- Assess the benefits and disadvantages of outsourcing and in-house maintenance.
- Integrate human capital in asset management planning.

WHO IS IT FOR?

- Staff from public transport operators, authorities, or the industry
- Current and new managers, supervisors, and coordinators from areas such as Maintenance, Fleet, Facilities, Operations, Planning, Finance
- Professionals eager to gain a global perspective and learn from best practice worldwide.

A TOP LEVEL METHODOLOGY

- Approach the topic from a global perspective, with different cultural approaches and points of view.
- Exchange knowledge and experiences, as well as discuss key topics during workshops in smaller groups.
- Participate in interactive plenary sessions with an introduction by course leaders, presentations by trainers and open discussions with participants.



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

TRAINERS

Our skillful trainers are composed of UITP lecturers and international experts.



Piers CONNOR

*International
Railway Systems Consultant*



Lisa FANNING

*Deputy General Manager,
Rail Infrastructure Engineering, NJ TRANSIT*



Dávid VITÉZY

*Urban Mobility Expert,
Transport Research*



Emre KIRAN

*Head
of UITP Academy*

For more information please contact Sunita Kelecom at sunita.kelecom@uitp.org

AGENDA - RAIL OPERATIONS AND MAINTENANCE

Day 1 | Wednesday | October 2

- 9:00 Welcome and Introduction to the course
Expectation Analysis
- 09:30 **Session 1:** Basic Operation Concepts
- 11:00 *Break*
- 11:30 **Session 2:** Service Planning
- 12:30 *Lunch*
- 13:30 **Session 3:** Operations Planning & Execution
- 15:00 *Break*
- 15:30 **Session 4:** Regulation & Intermodal Integration
- 17:00 *End of Day 1*

Day 2 | Thursday | October 3

- 09:00 **Session 5:** Asset Management and Maintenance Principles & Maintenance of Fixed Assets
- 10:30 *Break*
- 11:00 **Session 6:** Maintenance of moving assets
- 12:30 *Lunch*
- 13:30 **Session 7:** Outsourcing vs. In house
- 15:00 *Break*
- 15:30 Case Study on Outsourcing & In-house
- 16:30 **Session 8:** Experience Sharing on Asset Management from North America
- 17:30 *End of Day 2*

Day 3 | Friday | October 4

- 09:00 **Session 9:** Wheel/Rail Interaction
- 10:00 **Session 10:** Host City Case Study
- 11:00 Conclusion and certificates
- 12:00 *Light Lunch*
- 13:00 Host City Technical Visit
- 16:00 *End of training program*

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

