



# Understanding Asphalt Pavement Construction



## Domestic Fees

\$795 per person + GST



## International Fees

\$795 per person + GST



## Intakes

17/06/2026

15/07/2026



## Campus

Auckland  
Christchurch



## Duration

1 day



[nziht.co.nz](https://nziht.co.nz)



Asphalt paving construction productivity depends on the smooth and safe running of laying operations and effective contractual relationships. It also depends on understanding the materials being dealt with.

Poor construction practices often lead to defects, incorrect layer thickness and shape problems. The cost associated with rework and/or the repair of asphalt surfacing can wipe out the value of the work. Competent supervision can avoid many of these problems.

## Topics Include

- On site safety importance of tailgates and risk analysis
- Special requirements of night work
- Materials used in paying
- Different mixes
- Tack coat practice
- Assessing a site - planning/supply chain
- Liaison with supply chain
- Correct estimation of amount of mix needed
- Quality by supervision and organisation
- Contract administration - QA, Records
- Site communication
- Programming sequences
- Paver operation, bob cat operation, rolling
- Field sampling and testing - QA
- What does success look like - post examination of work

## On completion of this course participants will

- Check that specified mix and parameters are valid for conditions on site at time of application: Work with plant
- Supervise physical works involved in surface preparation and asphaltic paving construction
- Liaise with client, management, supply chain, site staff and public during the project

- Deploy personnel, plant and equipment in a productive manner and in compliance with contract requirements
- Make the company and industry look professional and responsible

## Who should attend

- Asphalt Paving Crews seeking to gain a better understanding of asphalt paving construction
- New Supervisors and junior engineers wishing to gain supervision skills in asphalt paving construction
- Experienced Supervisors wishing to update their skills to present day requirements should also attend
- Laboratory personnel seeking to understand on site requirements
- Managers who want to know what goes on
- Asphalt plant personnel seeking to improve their performance