



Pavement and Rehabilitation Design



Domestic Fees

\$1295 + GST per person



International Fees

\$1295 + GST per person



Intakes

13/04/2026

04/05/2026

06/07/2026



Campus

Christchurch

Auckland

Palmerston North



Duration

2 day



nziht.co.nz



Since the adoption of the Austroads Pavement Design guide in NZ, pavement and rehabilitation design requires an understanding of mechanistic analysis procedures and the use of an Austroads approved mechanistic analysis program.

This course covers pavement design and rehabilitation design in accordance with the latest version of the Austroads Pavement Design Guide and the associated NZ Guide to Pavement Structural Design and Guide to Pavement evaluation and Treatment Design and contains hands-on applications of mechanistic analysis in the design process.

Topics Include

- Fundamentals of mechanistic analysis
- Materials characterisation
- Design traffic determination
- Design procedures for new pavements and rehabilitation treatments
- Hands-on mechanistic analysis applications

On completion of this course participants will

- Design new pavements and rehabilitation treatments using mechanistic analysis in accordance with Austroads and the NZ Guide requirements
- Appreciate the attributes of mechanistic analysis and use it for design and analysis of different pavement configurations
- Apply the latest versions of the Austroads Pavement Design Guide and the NZ Guides

Who should attend

Engineers, managers and technical staff involved in pavement design or in pavement rehabilitation design.