

Pavement and Rehabilitation Design



Domestic Fees

\$1295 + GST per person



International Fees



Intakes

02/12/2025 16/03/2026 13/04/2026



Campus

Auckland Wellington Christchurch



Duration







Pavement and Rehabilitation Design

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 requirments
- 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.



NZIHT reserves the rights to withdraw or adjust programmes, alter start date or fee schedules, and make any other changes as it may deem desirable or necessary, without prior notice. All programmes are subject to a sufficient number of enrolments and completion of all approval and accreditation requirements.