



# RPD403 Design of Pedestrian and Cyclist Bridges

## Overview

This one-day course aims to cultivate expertise and enhance skills within the specialised domain of pedestrian and cyclist-only bridges. It encompasses comprehensive guidance and case studies centred on innovative approaches and cost-effective sustainable solutions in bridge design and construction. Activities such as site visits, knowledge sharing, experience discussions, classroom-based exercises and redesign exercises constitute the core components of this course.

## Who should attend?

Government and consultancy personnel who are involved in bridge design and construction and who wish to:

- specialise in pedestrian and cyclist only bridges
- learn about the latest innovations in bridge design and construction
- learn about options to achieve value for money in bridge design and construction.

## Business benefits

Participants in this course will acquire a robust understanding of the precise needs and diverse options available for bicycle and pedestrian-only bridges across planning, design, construction, and engineering disciplines. They will develop increased confidence in pinpointing efficiencies and life-cycle cost considerations that impact value-for-money outcomes, crucial for delivering essential infrastructure under resource constraints, while meeting business imperatives effectively.

## What can participants expect to learn?

At the completion of this course, participants will have gained the skills to:

1. integrate the technical guideline *Options for Designers of Pedestrian and Cyclist Bridges to achieve value for money* into the planning, design, and construction of bicycle and pedestrian only bridges
2. incorporate and apply their knowledge of fit for purpose, value for money and innovation approaches to planning and design processes that will satisfy the needs of a project
3. display confidence in decision-making processes directly related to the planning, design, and construction of bicycle/pedestrian only bridges.

## Full day course content:

- Bridge cost factors
- Bridge design issues
- Fit for purpose and/or value for money
- Bridge innovation opportunities
- Site visits and field inspections with facilitated on-site discussions
- In class exploration of participant examples and current projects
- Discussion of Transport and Main Roads bicycle/pedestrian-only bridge projects.

For more information on the current course program, timing and how to register, please contact [CyclePedTech@tmr.qld.gov.au](mailto:CyclePedTech@tmr.qld.gov.au).

