Course Information

TLI50615 - Diploma of Rail Operations Management

Description
This qualification has been developed for individuals currently employed in the rail industry.

Duration
The course is carried out over a 12 month period, divided into 3 sessions, 13 weeks in length.
The course is suitable for students studying part time and working full time.

Training Location
Training is delivered through distance learning.
Communication with the tutors is through a combination of email, telephone, web-based forum and skype.

Pre-requisites
There are no formal pre-requisites for this course.

Additional Requirements
Learners must be currently employed in the rail industry.

Who Should Enrol?
The Diploma of Rail Operations Management has been developed for individuals wishing to progress their careers in the following areas:

◆ Network Control
◆ Passenger Services Management
◆ Rail Freight Management
◆ Rail Operations Management
◆ Rail Maintenance Management

Whether looking to take the next step into a management role or formalise your existing knowledge and experience with a qualification, Competency Australia can assist.

Material Development
The material used in this course was developed in the Rail CRC (Cooperative Research Centre) by industry consultants using internal training materials provided by two major rail operators: Railcorp and Queensland Rail.

For more information please contact us:
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TLI50615 - Diploma of Rail Operations Management

Topics Covered

Session 1
Introduction to Rail Operations Management
- Introduction to Rail Operations Management
- Safeworking Systems
- Fixed Assets
- Rollingstock
- Train Planning
- Train Crewing
- Network Control
- Station, Yard and Terminal Management
- Change Management

Session 2
Rail Infrastructure
- Work, Health and Safety
- Reliability, Availability, Maintainability and Safety
- Management of Assets
- The Wheel-Rail Interface
- Railway Communication Systems
- Railway Resource Management Principles

Session 3
Network and Localised Train Control
- Principles of Train Control
- Disruption Management and Degraded Mode Operation
- Emergency Planning, Preparedness, Response and Recovery
- Rail Safety Investigation and Reporting

Assessment
During each session, students will be required to complete a range of regular assessment activities, including workplace activities and research projects. They will also be required to respond to case studies and hypothetical situations.

Trainers
Competency Australia's trainers are experts in their field and continue to work in industry, maintaining up-to-date knowledge of best practice.

Tutors for this subject include Brett Doak and John Aitken. Details of Brett & John's experience can be found on our website.