

Heavy and Light Rail Fundamentals



22537VIC CERTIFICATE II IN HEAVY AND LIGHT RAIL FUNDAMENTALS (PRE-VOCATIONAL)

What it is

This exciting new program is a qualification for secondary students. The program provides students with basic knowledge and a realistic preview of the heavy (train) and light (tram) rail industry in Victoria. Students are taught in a combination of structured learning, self-directed learning and hands-on training in a simulated work environment.

This program may be a full day of learning due to travel to Newport, Melbourne for practical training.

Note: The program was designed by the Level Crossing Removal Project in consultation with the Victorian Curriculum Assessment Authority (VCAA), who are an independent body directly responsible to the Victorian Minister for Education.

What you learn

You learn from the following subjects (Units of Competency):

FIRST YEAR

- ✓ Provide First Aid HLTAID003
- ✓ Investigate Rail System Fundamentals for Victoria VU22869
- ✓ Apply Safety Awareness in a rail environment VU22674
- ✓ Examine heavy and light rail fundamentals for Victoria VU22874
- ✓ Examine rolling stock fundamentals in Victoria VU22876

SECOND YEAR

- Complete a basic heavy or light rail industry project VU22870
- ✓ Prepare for employment in the rail industry VU22871
- ✓ Explore applications and operation of the Internet of Things (IoT) VU22674
- ✓ Examine heavy and light rail network operations in Victoria VU22873
- ✓ Provide service to internal and external heavy and light rail customers VU22875

This program is subject to going on scope. (Refer to Page 6 of this Program Guide)

Who you learn from

YOUR INDUSTRY EXPERT

Managed by Melbourne City Institute of Education (MCIE) RTO Code 22172

WHERE YOU LEARN

MCIE Level 1, 327 Sturt Street, Ballarat, Victoria, 3350 & Rail Academy New Port, Melbourne

WHEN

1st Year

Thursday 10.00 am to 4.00pm tbc

Class size: 18 to 22 students

2nd Year

Tuesday 10.00 am to 4.00pm tbc



The Australasian Railway Association's 2022 Building Australian Rail Skills for the Future report confirmed expected workforce gaps of up to 70,000 skilled workers by 2023!

What you get

Upon successful completion of the program, students are eligible to obtain:

School recognition

Credit/Unit eligibility towards your relevant Senior Secondary Certificate, contribution to ATAR, scored assessment (check these details with your school)

Workplace recognition

1. Statement of Attainment
(List of Units of Competency successfully completed)
2. 22537VIC Certificate II in Heavy and Light Rail Fundamentals (Pre-vocational) once all units are satisfactorily completed.

Your possible career/pathway

The development of the skills and knowledge may enable graduates to transition into employment within the rail industry, including full time roles, apprenticeships or traineeships, in areas including customer service adviser, maintenance, shunting and rail administration with an accredited rail transport authority.

Learn more

Graduates may seek to transition into a Certificate III qualifications in areas including rail infrastructure, rail signalling, rail co-ordination, rail customer service or other certificate level qualifications.

Employment

The program is supported and endorsed by Victoria's three (3) Accredited Rail Transport Operators – Metro Trains Melbourne, V/Line and Yarra Trams, and the John Holland Group, all significant employers of staff.

What the program looks/sounds like

Watch a video explaining the program, by accessing <https://youtu.be/bJALISifxPo>



Note: Program commencement subject to enrolment numbers. Units of Competency are subject to change. Check with your school VET Coordinator regarding costs and if this program is suitable for you. This training is delivered with Victorian and Commonwealth Government funding to eligible individuals. All details are accurate at the time of publication.

