

Rail – Heavy and Light Rail Fundamentals



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

What it is

If you love trains and trams, and aim to get employment in this industry, then this program may be for you.

You gain a realistic preview of the heavy (train) and light (tram) rail industry in Victoria. Students learn about Victoria’s Big Build, rail safety awareness, rolling stock, freight, customer service and networks such as timetables, maps and route planning. Students explore how technology is integrated into the overall rail operations infrastructure, including the MYKI ticketing system.

Incredible excursions are at real-life exclusive rail sites, such as the Newport Rail Academy, Metro HQ at Southern Cross Station, Metro Trains Melbourne (MTM) Craigieburn and PTV Hub. Classes are in Collins Street, Melbourne.

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

- ✓ 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
- ✓ Provide First Aid HLTAID003

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

Who you learn from

YOUR INDUSTRY EXPERTS

Hallam Secondary College
RTO Code 22249. Managed by Melbourne City Institute of Education (MCIE) RTO Code 22172

WHERE YOU LEARN

MCIE Training Rooms, in Collins Street, Melbourne.

If Ballarat student numbers are high, we will run a second class in Ballarat.

WHEN

1st Year

Thursday 11.00 am to 3.00pm

Class size: 18 to 22 students

2nd Year Tuesday 11.00 am to 3.00pm



Rail Academy

Student program approval rating

4.3 stars out of 5

2024 1ST YEAR STUDENT SURVEY

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. Check with your school for more details.

Workplace recognition

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

Your possible career/pathway

With a forecast skills shortage over the next decade, there is a need for young people to consider a career in the Australian rail industry. There are many opportunities as outlined in <https://railacademy.vic.gov.au/careers-in-rail>

Learn more

Certificate III or IV qualifications in areas including rail infrastructure, rail signalling, rail co-ordination, rail customer service, driving and many more. Apprenticeships or traineeships in areas including, maintenance and shunting (upon employment).

Employment

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

The industry needs more rail workers in all roles, including customer service, train drivers, track workers, signalling engineers and construction workers to keep up with the current pace of infrastructure projects, especially in Victoria.

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.

