

2021 Course Information

AUR20716 CERTIFICATE II in AUTOMOTIVE VOCATIONAL PREPARATION

Description of Course

This course was designed for VET in Schools to introduce skills and knowledge to perform minor maintenance and repair of mechanical and electrical components and systems on vehicles. It is a hands-on course and great preparation for an apprenticeship. With our comprehensive partnerships with the industry sector our students will benefit from the TEC program which is designed to upskill students with soft skills to prepare them for industry.

What are Soft Skills?

Soft skills can be defined as a set of non-technical, professional abilities such as communication, interpersonal and customer service skills, as well as personal traits such as integrity and responsibility that employees need to secure employment and succeed in the workplace. International Youth Foundation's "Passport to Success" program is a 30-unit qualification which will provide students the Life Skills that are a critical missing link for employers and young job seekers.

What is TEC?

Employers around the world are experiencing critical shortages of skilled workers. At the same time, education programs on their own often fail to teach the students skills needed by employers. TEC (Technical Education for Communities) Industry Partnership at ONTTC has been formed to address some of these issues and aims to increase student access to good jobs within the Automotive and Engineering sectors.

Activities / Tasks

Your automotive course will include an introduction to the industry and workplace safety. You will learn from industry professionals how to:

- Use workplace tools and equipment
- Servicing and inspection of engines, transmissions, cooling, fuel, and steering systems
- Identifying automotive faults
- Customer relation skills

Assessment

Assessment is conducted using a combination of project based practical tasks, theory, and tests. The assessment of your overall competence at this certificate level will be undertaken by a qualified assessor and your competence judged using all of these tasks. Students will be given a fair and adequate assessment process that include the option of an assessment re-sit.

Pathways

It is anticipated that students completing the Certificate II in Automotive Vocational Preparation will be in a position to gain an apprenticeship with an employer in the automotive industry. Other pathways available to students include:

- Certificate III in Light Vehicle Mechanical technology
- Diesel Mechanic

Career Opportunities

With additional training and experience possible future career opportunities may include work in the following areas/sectors:

- Mechanic
- Auto Electrician
- Spare Parts manager
- Service Manager
- Automotive Engineer

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COURSE CONTENT

First Year Students: Wednesday 8.00am – 12.00pm and 12.30pm – 4.30pm

Second Year Students: Friday 8.00am – 12.00pm and 12.30pm – 4.30pm

Code	Unit of Competency	Nominal Hours
FIRST YEAR		
AURASA002	Follow safe working practices in an automotive workplace	20
AURTTK002	Use and maintain tools and equipment in an automotive workplace	20
AURETR003	Identify automotive electrical system components	25
AURLTA001	Identify automotive mechanical systems and components	25
AURAF004	Resolve routine problems in an automotive workplace	20
AURTTA027	Carry out basic vehicle servicing operations	40
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	25
AURETR015	Inspect test and service batteries	10
FIRST YEAR TOTAL HOURS		185
SECOND YEAR		
AURETK003	Operate electrical test equipment	40
AURETR006	Solder electrical wiring and circuits	20
AURETR048	Construct and test basic electronic circuits	40
AURTTE007	Dismantle and assemble single cylinder four-stroke petrol engines	40
AURTTE008	Dismantle and assemble multi-cylinder four-stroke petrol engines	40
SECOND YEAR TOTAL HOURS		180
TOTAL HOURS		365

Length of the Course

This course runs for two years.

Auspicing Registered Training Organisation

Box Hill Institute (RTO No.4687)

Enrolment Process

Students must apply through their VET coordinator at their home school and complete the enrolment form at the ONTTC Enrolment/Information evening. **Parents must also complete the enrolment form for Box Hill Institute before a student can be accepted into the course.**