

OVERVIEW OF THE COURSE

Automotive Techniques I aims to develop an understanding of basic mechanical principles by completing a range of tasks aimed at improving confidence and practical skills. There is no exam at the end of the year. Students will also learn the skills required to obtain their driver's licence.

Throughout the course, you will:

- Repair small motors or mechanical systems.
- Dismantle and re-assemble parts from a range of motor vehicles.
- Carry out basic service checks on a motor vehicle.
- Learn the skills required to successfully advance through the Tasmania Learner Driver system.



TO ENROL IN THIS SUBJECT

- You do not require any previous automotive or mechanical experience.
- This course caters for all student learning levels.

THIS SUBJECT

- Provides a pathway at Hellyer College to study *Automotive and Mechanical Technologies 2* or *Certificate II in Automotive*.
- Contributes 15 credit points for the Tasmanian Certificate of Education.



DEPARTMENT OF EDUCATION

Hellyer College

41-43 Mooreville Road / PO Box 1223

Burnie Tasmania 7320

P: (03) 6435 5200

<http://hellyercollege.education.tas.edu.au>

Email: hellyer.college@education.tas.gov.au

Follow us on Facebook

<https://www.facebook.com/hellyercollege/>

AUTOMOTIVE & MECHANICAL TECHNIQUES I

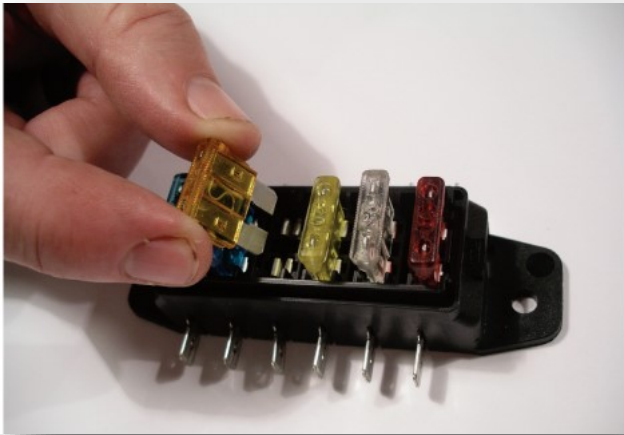


Department of Education
Hellyer College



ARE YOU:

- Interested in basic vehicle maintenance?
- Not ready to commit to a higher level of automotive study?
- Willing to participate in road safety education?



THINGS YOU WILL STUDY

Throughout the course you will be involved in studying the following topics:

- The correct use of automotive tools.
- How to work safely in an automotive workshop.
- How to carry out minor vehicle repairs.
- Common mechanical safety issues.
- Understand what a road user is and how road users should behave and interact.
- Identify the behaviours an individual is expected to adopt for safe road use.
- Identify the causes of crashes and the factors that contribute to them.
- Explain what crash risk factors are, how they contribute to crashes and the consequences of crashes.
- Recognize how road design and vehicle technology contribute to safety of all road users
- Understand the steps required to progress through the Tasmanian licensing system.

You must provide your own combination overalls, steel capped safety boots and safety glasses.

LEARNING ACTIVITIES MAY INCLUDE:

- Carrying out minor repairs to our workshop vehicles.
- Basic maintenance and repairs to a broad range of mechanical systems and components.
- Completing basic worksheets and written reports.
- Driver education.
- On-line learning options are available to suit different learning styles.

