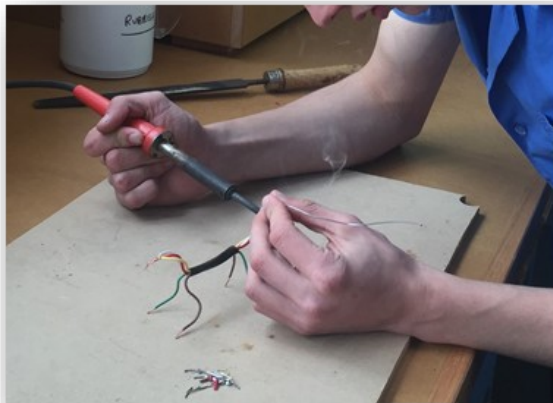


## OVERVIEW OF THE COURSE

The Automotive and Mechanical Technologies course focuses on understanding how and why mechanical vehicles and equipment work. Students will complete a range of theory and practical tasks to identify mechanical faults and complete a basic range of vehicle maintenance, repairs and adjustments.

By the end of the course you will:

- Be able to use effective communication skills.
- Be able to work as part of a team.
- Demonstrate good problem solving skills.
- Show initiative.
- Be able to manage your time effectively.
- Work safely in an automotive workshop.
- Use technology effectively.



## TO ENROL IN THIS SUBJECT

- No previous automotive or mechanical experience is necessary.
- You should display an interest within the automotive industry.
- Be prepared to be challenged in your thinking regarding the automotive industry.

## THIS SUBJECT

- Provides a pathway at Hellyer College to study *Certificate II in Automotive Vocational Preparation* in year 12.
- Contributes 15 credit points for the Tasmanian Certificate of Education.



### DEPARTMENT OF EDUCATION

#### Hellyer College

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DEPARTMENT OF  
EDUCATION  
*learners first*

# AUTOMOTIVE & MECHANICAL TECHNOLOGIES 2



Department of Education  
Hellyer College



## ARE YOU

- Interested in a career within the automotive industry?
- Thinking about studying Certificate II in Automotive during year 12?
- Good with using a computer?
- Willing to get your hands dirty?

Students studying Automotive Mechanical Technologies 2 need:

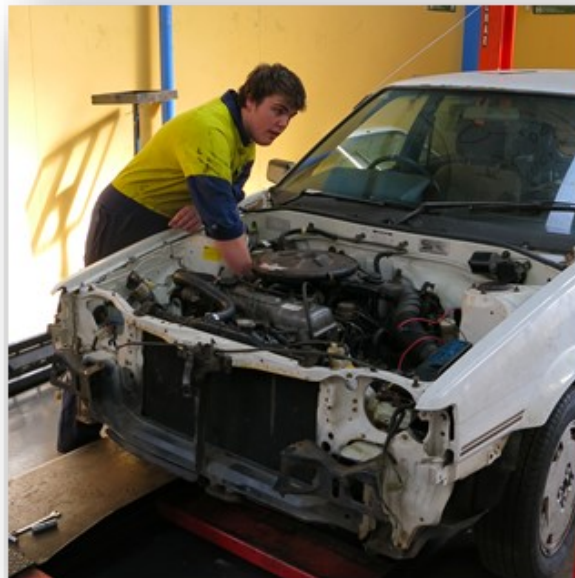
- C ratings in year 10 English.
- Excellent time management skills.
- Access to a laptop or iPad during each lesson.
- Steel capped safety boots and combination overalls.
- Good mechanical aptitude.
- Access to a laptop computer or iPad during each lesson.
- You must provide your own combination overalls, steel capped safety boots and safety glasses.

## THINGS YOU WILL STUDY

- Identifying and correctly using a range of tools and equipment.
- Outlining the functions and operations of a range of components and mechanical systems.
- Planning, organising and completing automotive and mechanical projects.

How is the course assessed?

Students are assessed on their practical and theory work. A written mechanical portfolio is required for each of the two major practical tasks completed. While there are assessments throughout the course, there is no exam at the end of the year.



## LEARNING ACTIVITIES MAY INCLUDE:

- Practical work on our workshop vehicles or a range of other mechanical systems.
- Diagnosing and repairing vehicle faults;
- Completing detailed worksheets and written reports.

