



Government of **Western Australia**
School Curriculum and Standards Authority

AUTOMOTIVE ENGINEERING AND TECHNOLOGY

General course

Year 12 syllabus – What’s changing: General capabilities

For teaching in 2027

Acknowledgement of Country

Kaya. The School Curriculum and Standards Authority (the Authority) acknowledges that our offices are on Whadjuk Noongar boodjar and that we deliver our services on the country of many traditional custodians and language groups throughout Western Australia. The Authority acknowledges the traditional custodians throughout Western Australia and their continuing connection to land, waters and community. We offer our respect to Elders past and present.

Background

As part of the Western Australian Certificate of Education (WACE) Refreshment to investigate the assessment and reporting of the general capabilities on the Western Australian Statement of Student Achievement (WASSA), the Authority has updated the statements about the general capabilities in each syllabus.

The Authority has mapped the general capabilities through the unit content and assessment types for each of the WACE courses. Students will have the opportunity to develop the general capabilities identified in the course through the teaching, learning and assessment programs. These general capabilities will be reflected on the WASSA.

Important information

WACE Refreshment: Investigating the assessment and reporting of the general capabilities on the Western Australian Statement of Student Achievement (WASSA)

This document contains information that will be included in the syllabus effective from 1 January 2027.

Users of the syllabus are responsible for checking its currency.

Syllabuses are formally reviewed by the Authority on a cyclical basis, typically every five years.

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Representation of the general capabilities

The general capabilities encompass the knowledge, skills, behaviours and dispositions that will support students to live and work successfully now and into the future. Teachers should find opportunities to incorporate the following capability into the teaching and learning program for the Automotive Engineering and Technology General course. The general capabilities are not assessed unless they are identified within the specified unit content.

Literacy

The Automotive Engineering and Technology General course develops literacy skills, particularly in reading and viewing, and writing, by engaging students with technical documentation, workplace communication and practical reporting. In reading and viewing, students interpret workshop manuals, safety guidelines, technical diagrams and vehicle specifications to understand repair procedures and diagnose faults. They also analyse warning labels, manufacturer instructions and workplace policies to ensure compliance with industry standards. In writing, students complete service reports, job sheets and maintenance records, accurately documenting vehicle inspections, repairs and parts replacements. They also develop written responses in theory assessments, explaining mechanical concepts, safety procedures and troubleshooting techniques.

Addressing the other general capabilities

Although the following general capabilities have not been identified as a focus in the Automotive Engineering and Technology General Year 12 syllabus, teachers may find opportunities to incorporate these capabilities in the teaching and learning program.

- Critical and creative thinking
- Digital literacy
- Ethical understanding
- Intercultural understanding
- Numeracy
- Personal and social capability

Such opportunities may occur through the application of different contexts, pedagogical practices and/or assessment strategies that relate to the syllabus as part of the teaching and learning program.

Summary representation of the general capabilities in the Automotive Engineering and Technology General course

A representation of the general capabilities for the two years of the Automotive Engineering and Technology General course is summarised in the table below.

| Year | Course | Course type | General capabilities | | | | | | |
|---------|---|-------------|----------------------|----|----|----|---|---|-----|
| | | | CCT | DL | EU | IU | L | N | PSC |
| Year 11 | Automotive Engineering and Technology (GEAET, G1AET, G2AET) | General | | | | | ✓ | | |
| Year 12 | Automotive Engineering and Technology (GTAET) | General | | | | | ✓ | | |

Key

CCT: Critical and creative thinking, DL: Digital literacy, EU: Ethical understanding, IU: Intercultural understanding, L: Literacy, N: Numeracy, PSC: Personal and social capability