

Automotive Manufacturing

| BOS course name | Pattern of study | BOS course number | Schools Online entry advice |
|--------------------------------------|-------------------|-------------------|---|
| Automotive Manufacturing (240 hours) | 2 units x 2 years | 43437 | Enter this course number for both Preliminary (Year 11) and HSC (Year 12) |

| TAFE course name | TAFE course number |
|---|--------------------|
| Automotive Manufacturing (Bus, Truck & Trailer) | 17686 |

| AQF VET qualification |
|---|
| Certificate II in Automotive Manufacturing (Bus/Truck/Trailer) (AUM25108) |

| Minimum work placement |
|------------------------|
| 40 hours |

| Exclusions |
|------------|
| none |

HSC unit credit and course requirements

HSC unit credit for VET courses can be accredited to the Preliminary and/or HSC pattern of study.

Automotive Manufacturing (240 indicative hours)

- accredited for a total of 4 units at the Preliminary and/or HSC level
- attempt all compulsory units of competency and elective units of competency to a minimum of 170 HSC indicative hours.

For a course to count towards the HSC program of study students must satisfy the course completion criteria as required by the Board of Studies. Refer to Section 8.4 of the *Assessment, Certification and Examination (ACE) Manual*.

The pattern of study entered should reflect the delivery of the course over successive years. Students will be credentialled for the HSC unit credit entered each calendar year provided they have satisfactorily completed the course requirements for that calendar year as determined by the school/RTO.

Access including access by students in Stage 5

In certain circumstances students in Stage 5 may access this Stage 6 VET course while also completing the requirements for the award of the School Certificate. Further information is available on the Board of Studies website at www.boardofstudies.nsw.edu.au/voc_ed/stage-5.html

Course content

| Unit code | Unit title | Unit-specific prerequisite | Core (C) or elective (E) for AQF VET qualification | HSC indicative hours of credit |
|--|--|----------------------------|--|--------------------------------|
| COMPULSORY Attempt ALL units of competency | | | | |
| AUM2001B | Monitor and maintain workplace environment | nil | C | 20 |
| AUM2004B | Prepare and use/operate equipment, tools and/or machinery | nil | C | 20 |
| AUM2006B | Monitor and maintain equipment, tools and machinery | nil | C | 15 |
| AUM8043B | Read and interpret working drawings and work orders | nil | C | 15 |
| Total HSC indicative hours for compulsory units of competency | | | | 70 |
| ELECTIVE Attempt units of competency to a minimum of <u>170</u>HSC indicative hours | | | | |
| AUM2007B | Manage personal workplace | nil | E | 15 |
| AUM8001B | Contribute to workplace relationships and processes | nil | E | 15 |
| AUM8051B | Conduct basic welding, thermal cutting, heating and gouging operations | nil | E | 35 |
| AUM8052B | Conduct mechanical cutting operations | nil | E | 10 |
| AUM8071B | Finish surfaces for painting | nil | E | 15 |
| AUM8082B | Assemble components | nil | E | 20 |
| AUM8086B | Service after assembly | nil | E | 10 |
| AUM8092B | Install/fit out components | nil | E | 15 |
| AUM8093B | Test, service and replace battery | nil | E | 5 |
| AUM8105B | Perform minor modifications/repairs to electrical circuits/systems | nil | E | 20 |
| Total HSC indicative hours | | | | 240 |

AQF VET qualification

To attain Certificate II in Automotive Manufacturing (Bus/Truck/Trailer) (AUM25108) students must achieve 14 units of competency including:

- a) 4 core units of competency
- b) 10 elective units of competency).