Australian Government

AUM50113 Diploma of Automotive Manufacturing

Release 2

AUM50113 Diploma of Automotive Manufacturing

Modification History

Release	Comment
Release 1	Qualification updated to reflect the new standards for Training Packages
	Replaces AUM50112 Diploma of Automotive Manufacturing
Release 2	Updated due to superseded AUR units of competency.

Qualification Description

This qualification reflects the role of individuals who perform a range of specialist roles in the automotive manufacturing sector. This may involve undertaking a range of complex and non-routine tasks with substantial self-direction and judgement, including leadership of others.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

Those undertaking this qualification are required to have completed AUM40113 Certificate IV in Automotive Manufacturing, or be able to demonstrate equivalent competence.

Packaging Rules

Total number of units = 9

- **3 elective units** from Group A specialist elective units, plus
- **6 elective units**, of which:
  - up to 6 general elective units may be chosen from the general elective units listed below
  - up to 2 elective units may be chosen from a Certificate IV qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

Group A Specialist Elective Units

Unit Code	Unit Title
AUAMA004	Coordinate automotive project activities
AUMFTA006	Develop research reports on vehicle design, development and production
AUMFTA007	Evaluate vehicle design, development and production information
AUMFTK001	Test automotive production components, equipment and systems
AUMFTM002	Create new product designs
AUMFTM003	Develop conceptual models and prototypes

General Elective Units

Unit Code	Unit Title
AURAFA006	Conduct research and present technical reports
AURETA001	Analyse and evaluate electrical and electronic faults in electric over-hydraulic systems
AURETA002	Analyse and evaluate electrical and electronic faults in body management systems
AURETA003	Analyse and evaluate electrical and electronic faults in monitoring and protection systems
AURETA004	Analyse and evaluate electrical and electronic faults in convenience and entertainment systems
AURETA005	Analyse and evaluate electrical and electronic faults in theft-deterrent systems
AURETA006	Analyse and evaluate electrical and electronic faults in air conditioning and HVAC systems
AURETB002	Analyse and evaluate electrical and electronic faults in braking systems
AURETE001	Analyse and evaluate electrical and electronic faults in engine management systems

Unit Code	Unit Title
AURETH013	Analyse and evaluate electrical and electronic faults in HEV and BEV management systems
AURETR033	Develop and apply network electronic control system modifications
AURETR034	Develop and apply electrical system modifications
AURETX001	Analyse and evaluate electrical and electronic faults in driveline management systems
AURLTB002	Analyse and evaluate faults in light vehicle braking systems
AURLTD007	Analyse and evaluate faults in light vehicle steering and suspension systems
AURLTE003	Analyse and evaluate faults in light vehicle engine and fuel systems
AURLTQ003	Analyse and evaluate faults in light vehicle transmission and driveline systems
AURTTL015	Develop and apply gas fuel system modifications
BSBPMG514	Manage project cost
BSBPMG517	Manage project risk
BSBPMG521	Manage project integration
BSBWHS506	Contribute to developing, implementing and maintaining WHS management systems
BSBWOR502	Lead and manage team effectiveness
MSAENV472B	Implement and monitor environmentally sustainable work practices
MSAENV672B	Develop workplace policy and procedures for environmental sustainability
MSL924002A	Use laboratory application software

Qualification Mapping Information

AUM50112 Diploma of Automotive Manufacturing

PwC's Skills for Australia

Links

Companion Volume Implementation Guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1

PwC's Skills for Australia