



Australian Government

AUM50113 Diploma of Automotive Manufacturing

Release 1

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

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
AURAF5006	Prepare technical reports
AURETA5001	Analyse and evaluate electrical and electronic faults in safety systems
AURETA5002	Analyse and evaluate electrical and electronic faults in safety systems
AURETA5003	Analyse and evaluate electrical and electronic faults in monitoring and protection systems
AURETA5004	Analyse and evaluate electrical and electronic faults in convenience and entertainment systems
AURETA5005	Analyse and evaluate electrical and electronic faults in theft-deterrent

Unit Code	Unit Title
	systems
AURETA5006	Analyse and evaluate electrical and electronic faults in climate-control systems
AURETB5002	Analyse and evaluate electrical and electronic faults in braking systems
AURETD5002	Analyse and evaluate electrical and electronic faults in stability, steering and suspension systems
AURETE5001	Analyse and evaluate electrical and electronic faults in engine management systems
AURETH5013	Analyse and evaluate electrical and electronic faults in electric and hybrid vehicle systems
AURETR5033	Develop and apply electronic systems modification
AURETR5034	Develop and apply electrical systems modification
AURETX5001	Analyse and evaluate electrical and electronic faults in transmission and driveline systems
AURLTB5002	Analyse and evaluate light vehicle braking system faults
AURLTD5007	Analyse and evaluate light vehicle steering and suspension system faults
AURLTE5003	Analyse and evaluate light vehicle engine and fuel system faults
AURLTQ5003	Analyse and evaluate light vehicle driveline system faults
AURTTL5015	Develop and apply gas fuel system modifications
BSBPMG514A	Manage project cost
BSBPMG517A	Manage project risk
BSBPMG521A	Manage project integration
BSBWHS506A	Contribute to developing, implementing and maintaining WHS management systems
BSBWOR502B	Ensure team effectiveness
MSAENV472B	Implement and monitor environmentally sustainable work practices

Unit Code	Unit Title
MSAENV672B	Develop workplace policy and procedures for environmental sustainability
MSL924002A	Use laboratory application software

Qualification Mapping Information

AUM50112 Diploma of Automotive Manufacturing

Links

Implementation Guide -

<http://www.asacompanionvolumes.com.au/aum-implementation-guide>