

AUM: Automotive Manufacturing
TRAINING PACKAGE
Version 2.2
WA NOMINAL HOURS GUIDE

Introduction

This Guide has been generated to enable the stakeholders in this Industry in Western Australia to participate in the managed implementation of the National AUM Automotive Manufacturing Training Package.

This Guide is designed to aid Registered Training Organisations (RTOs) to convert from existing Training Package qualifications to new Training Package qualifications within the scope of their training delivery.

The Guide should be read in conjunction with the endorsed components of the Training Package.

Version 2.2 of the AUM Automotive Manufacturing was released by Training.Gov.Au (TGA) on the 07/07/2022

Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications in accordance with the Standards for RTOs. For further information visit the Training Accreditation Council website www.tac.wa.gov.au

Nominal Hours

Nominal hours are the hours of training notionally required to achieve the outcomes of units of competency.

Nominal hours are identified for nationally endorsed qualifications. Nominal hours may vary for a qualification depending on the selection of units of competency.

In Western Australia, nominal hours are used as a mechanism for funding allocation.

Contact Details

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Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in the training package.

National Code	National Title	Nominal Hours
AUM20118	Certificate II in Automotive Manufacturing Production - Passenger Motor Vehicle	321
AUM20218	Certificate II in Automotive Manufacturing Production - Bus, Truck and Trailer	430
AUM30113	Certificate III in Automotive Manufacturing Technical Operations - Passenger Motor Vehicle	300
AUM30218	Certificate III in Automotive Manufacturing Technical Operations - Bus, Truck and Trailer	900
AUM40113	Certificate IV in Automotive Manufacturing	410
AUM50113	Diploma of Automotive Manufacturing	358

Skill Sets and Nominal Hours

The following table provides a summary of the skill sets and nominal hours in the training package.

National Code	National Title	Nominal Hours
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No changes occurred between AUM v2.1 & v2.2

Units Of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in the training package.

National Code	National Title	Nominal Hours
AUMABA012	Operate load shifting equipment	12
AUMAF001	Apply for jobs and undertake job interviews	15
AUMAF002	Maintain workplace relationships	15
AUMAMA001	Contribute to production goals	12
AUMAMA002	Work effectively in teams	12
AUMAMA004	Coordinate automotive project activities	40
AUMAMM001	Influence and lead work groups in an automotive manufacturing workplace	25
AUMASA011	Apply safe work practices in the automotive manufacturing environment	36
AUMASM001	Monitor and maintain a safe automotive work environment	25
AUMATA008	Produce drawings manually	35
AUMATK002	Prepare and operate tools, equipment and machinery	28
AUMATK013	Monitor and maintain automotive equipment	36
AUMFBM001	Prepare and process automotive materials and components	64
AUMFMM001	Reduce cycle time in automotive manufacturing work processes	30
AUMFMM002	Reduce waste in automotive manufacturing work processes	30
AUMFMM003	Plan and organise automotive production and assembly processes	25
AUMFQM001	Apply continuous improvement in automotive manufacturing	64
AUMFQM002	Sustain quality standards in an automotive manufacturing workplace	30
AUMFTA006	Develop research reports on vehicle design, development and production	40
AUMFTA007	Evaluate vehicle design, development and production information	20
AUMFTK001	Test automotive production components, equipment and systems	45
AUMFTM002	Create new product designs	55
AUMFTM003	Develop conceptual models and prototypes	50

AUMGCA001	Provide customer service	16
AUMGLM011	Apply heavy vehicle standards	40
AUMGMA001	Participate in workplace productivity improvement processes	30
AUMGQA001	Apply workplace technical quality standards	24
AUMGTA002	Service vehicle after assembly	24
AUMGTA011	Read and interpret work orders and working drawings	36
AUMGTB011	Assemble, install and test braking system kits	40
AUMGTD001	Perform wheel alignment operations	40
AUMGTG001	Install fixed and moveable glass components on vehicles	28
AUMGTM001	Assemble vehicle components	20
AUMGTM002	Assemble vehicle frames and axles	26
AUMGTM004	Install and fit out components	36
AUMGTM005	Read and interpret engineering drawings and determine requirements	40
AUMGTM006	Assemble, install and test hydraulic system kits	40
AUMGTM007	Assemble, install and test pneumatic system kits	40
AUMGTM008	Bond and repair fibreglass components	36
AUMGTM013	Install or replace mechanical units and assemblies	36
AUMGTN001	Replace and repair vehicle body panels and fittings	64
AUMGTP001	Finish and paint vehicle body and part surfaces	24
AUMGTP002	Rework vehicle paint faults	12
AUMGTR001	Install and replace vehicle electrical units and assemblies	40
AUMGTR002	Manufacture and modify vehicle wiring harnesses	48
AUMGTR003	Test, modify and repair vehicle electrical circuits and systems	24
AUMGTS001	Prepare materials for fabrication using jigs and fixtures	40
AUMGTS002	Prepare materials for fabrication using manual processes	36
AUMGTS003	Fabricate plugs	52
AUMGTS004	Fabricate parts for vehicle sub-assemblies	36

AUMGTT001	Apply trim to vehicle components	12
AUMGTW001	Perform basic welding, thermal cutting, heating and gouging	36
AUMGTW002	Perform mechanical cutting	28
AUMGTW003	Perform manual metal arc welding	40
AUMGTW004	Perform gas tungsten arc welding	40
AUMGTW005	Perform gas metal arc welding	54
AUMGTY001	Paint vehicle chassis and panels	28
AUMGTY002	Install vehicle components	64
AUMGTY003	Modify and repair chassis and frames	48

Mapping Qualifications

The following table provides an overview of the qualifications from Version 2.2 which replace qualifications from the existing version of the AUM: Automotive Manufacturing

AUM Current Qualification			AUM Replacement Qualification			
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours

No changes occurred between AUM v2.1 & v2.2

Mapping Skill Sets

The following table provides an overview of the skill sets from Version 2.2 which replace skill sets from the existing version of the AUM:
Automotive Manufacturing

AUM Current Qualification				AUM Replacement Qualification		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours

No changes occurred between AUM v2.1 & v2.2

Mapping Units of Competency

The following table provides an overview of the Units of Competency from Version 2.2 which replace Units of Competency from the existing version of the AUM: Automotive Manufacturing

AUM Current Unit				AUM Replacement Unit		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours

No changes occurred between AUM v2.1 & v2.2

Apprenticeships

The following table provides a summary of the apprenticeships that have been affected by changes in this AUM: Automotive Manufacturing training package update.

Please refer to the current *Register of Class A and B qualifications* found on the Department of Training and Workforce Development website for the official list of apprenticeships in Western Australia.

National Code	National Title	Apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
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No changes occurred between AUM v2.1 & v2.2

Traineeships

The following table provides a summary of the traineeships that have been affected by changes in this AUM: Automotive Manufacturing training package update.

Please refer to the current *Register of Class A and B qualifications* found on the Department of Training and Workforce Development website for the official list of apprenticeships in Western Australia.

National Code	National Title	Traineeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
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No changes occurred between AUM v2.1 & v2.2

Pre-Apprenticeships

The following table provides a summary of the pre-apprenticeships that have been affected by changes in this AUM: Automotive Manufacturing training package update.

Please refer to the current *list of pre-apprenticeship courses* found on the Department of Training and Workforce Development website for the official list of pre-apprenticeships in Western Australia.

National Code	National Title	Pre-Apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
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No changes occurred between AUM v2.1 & v2.2