

Qualification details



AUR40820 - Certificate IV in Automotive Mechanical Overhauling

Summary

Releases:	Release	Status	Release date
	2	Current	2021/02/14
	1	Replaced	2020/11/13

Usage recommendation: **Current**

Mapping:	Mapping	Notes	Date
	Supersedes and is equivalent to AUR40816 - Certificate IV in Automotive Mechanical Overhauling		2020/11/13

Training packages that include this qualification

Code	Title	Release
AUR	Automotive Retail, Service and Repair Training Package	6.1 - 7.2

Units of competency

Code	Title	Essential
AURETR017	Overhaul charging system alternators	Elective
AURETR018	Overhaul starting system motors	Elective
AURETU007	Overhaul air conditioning and HVAC system compressors	Elective
AURHTB003	Overhaul hydraulic and air over hydraulic braking system components	Elective
AURHTD104	Carry out heavy vehicle wheel alignment operations	Elective
AURLTB001	Overhaul light vehicle braking system components	Elective
AURLTD106	Carry out light vehicle wheel alignment operations	Elective
AURMTA007	Conduct non-destructive testing	Elective
AURMTE101	Test engines using a dynamometer	Elective
AURPTE104	Overhaul outdoor power equipment engines	Elective
AURRTE011	Overhaul two and four-stroke cycle marine outboard engines	Elective
AURTTA121	Diagnose complex system faults	Core
AURTTD005	Overhaul steering system components	Elective
AURTTE005	Overhaul engines	Elective
AURTTF003	Overhaul diesel fuel injection system components	Elective
AURTTF007	Overhaul carburettor fuel system components	Elective
AURTTM001	Operate and monitor computer numerical control machines	Elective
AURTTM002	Repair bearing tunnels and connecting rods in engines	Elective
AURTTM003	Apply metal to rebuild engine components	Elective
AURTTM004	Assemble engine blocks and sub-assemblies	Elective
AURTTM005	Balance rotating and reciprocating engine components	Elective
AURTTM006	Perform advanced machining and blueprinting of engine components	Elective

Code	Title	Essential
AURTTM007	Carry out crankshaft grinding	Elective
AURTTM008	Dismantle and evaluate engine blocks and sub-assemblies	Elective
AURTTM009	Fit sleeves and bore and hone engine cylinders	Elective
AURTTM010	Heat treat, straighten and reclaim engine components	Elective
AURTTM011	Recondition engine cylinder heads	Elective
AURTTQ004	Overhaul final drive assemblies	Elective
AURTTW003	Carry out machining operations	Elective
AURTTX007	Overhaul clutch assemblies	Elective
AURTTX008	Overhaul manual transmissions	Elective
AURTTX009	Overhaul automatic transmissions	Elective

Classifications

Scheme	Code	Name
ANZSCO Identifier	321211	Motor Mechanic (General)
ASCED Qualification/Course Field of Education Identifier	0305	Automotive Engineering And Technology
Qualification/Course Level of Education Identifier	511	Certificate IV
Taxonomy - Industry Sector	N/A	Automotive Service and Repair
Taxonomy - Occupation	N/A	Automotive Overhauler

Classifications history

Scheme	Code	Name	Start date	End date
ANZSCO Identifier	321211	Motor Mechanic (General)	2020/11/13	
ASCED Qualification/Course Field of Education Identifier	0305	Automotive Engineering And Technology	2020/11/13	
Qualification/Course Level of Education Identifier	511	Certificate IV	2020/11/13	