Mining and Automotive Skills Alliance

AUR3122X Certificate III in Mobile Plant Technology – EWP specialist elective units

Proposed changes made to the list of specialist elective units required:

AUR31220 current specialist elective units	AUR3122X proposed specialist elective units	Change
AURHTE102 Diagnose and repair heavy vehicle compression ignition engines	Not a specialist elective unit in AUR3122X	Removed from EWP specialist elective list – AURHTE202 supersedes and is equivalent to AURHTE102 and is available in Group A and the general elective units
AURHTF102 Diagnose and repair heavy vehicle diesel fuel injection systems	Not a specialist elective unit in AUR3122X	Removed from EWP specialist elective list – AURHTF202 supersedes and is equivalent to AURHTF102 and is available in Group A and the general elective units
AURHTQ102 Diagnose and repair heavy commercial vehicle final drive assemblies	Not in AUR3122X	Removed from qualification
AURHTQ103 Diagnose and repair heavy vehicle drive shafts	Not a specialist elective unit in AUR3122X	Removed from EWP specialist elective list – AURHTQ203 supersedes and is equivalent to AURHTQ103 and is available in the general elective units
AURLTB103 Diagnose and repair light vehicle hydraulic braking systems	Not in AUR3122X	Removed from qualification
AURTTA113 Diagnose and repair hydraulic systems	AURTTA213 Diagnose and repair hydraulic systems	AURTTA213 supersedes and is equivalent to AURTTA113
AURTTB101 Inspect and service braking systems	AURTTB201 Inspect and service braking systems	AURTTB201 supersedes and is equivalent to AURTTB101
AURTTE104 Inspect and service engines	Not a specialist elective unit in AUR3122X	Moved to list of core units – AURTTE204 supersedes and is equivalent to AURTTE104
AURTTK001 Use and maintain measuring equipment in an automotive workplace	Not a specialist elective unit in AUR3122X	Moved to list of core units – no change to unit
AURVTW101 Carry out manual metal arc welding on components	Not a specialist elective unit in AUR3122X	Removed from EWP specialist elective list – AURVTW201 supersedes and is equivalent to AURVTW101 and is available in the general elective units
AURVTW109 Carry out basic gas metal arc welding	Not a specialist elective unit in AUR3122X	Moved to the new Forklift and EWP elective units list – AURVTW209 supersedes and is equivalent to AURVTW109

AUR31220 current specialist elective units	AUR3122X proposed specialist elective units	Change
Not a specialist elective unit in AUR31220	AURETH101 Depower and reinitialise battery electric vehicles	Added to EWP specialist elective list – previously a general elective – no change to unit
Not a specialist elective unit in AUR31220	AURETH102 Inspect and maintain battery electric vehicles	Added to EWP specialist elective list – previously a general elective – no change to unit (prerequisite AURETH101)
Not a specialist elective unit in AUR31220	AURETH105 Diagnose and repair high voltage traction motors in battery electric vehicles	Added to EWP specialist elective list – new to the qualification
Not a specialist elective unit in AUR31220	AURETR007 Apply knowledge of automotive electrical circuits and wiring systems	Added to EWP specialist elective list – previously a general elective – no change to unit
Not a specialist elective unit in AUR31220	AURETR019 Inspect, service and repair AC electric motor drive systems	Added to EWP specialist elective list – previously a general elective – no change to unit
Not a specialist elective unit in AUR31220	AURETR110 Repair wiring harnesses and looms	Added to EWP specialist elective list – previously general elective AURETR010 – AURETR110 supersedes and is equivalent to AURETR010
Not a specialist elective unit in AUR31220	AURETR120 Diagnose and repair network electronic control systems	Added to EWP specialist elective list – new to the qualification
Not a specialist elective unit in AUR31220	AURKTR101 Diagnose and repair electronic over hydraulic control systems	Added to EWP specialist elective list – previously a general elective – no change to unit
Not a specialist elective unit in AUR31220	AURNTB201 Diagnose and repair forklift or EWP hydraulic braking systems	Added to EWP specialist elective list – previously AURNTB101 in the Forklift group and general electives – AURNTB201 supersedes and is equivalent to AURNTB101; title revised to include EWP

The number of EWP specialist elective units remains at 11: 2 units are retained with superseding codes, 9 units are moved out of the group and 9 units are added.