

Automotive Curriculum Framework

Sample scope and sequence of units of competency to meet HSC course requirements and qualification packaging rules

The selection of units of competency should be undertaken under the guidance of the RTO to ensure that the RTO has scope to deliver them.

Units of competency contained in the Framework can be delivered by RTOs with the scope and appropriately accredited teachers and facilities. Teachers should seek advice from their school system/sector authority regarding which qualifications and units of competency they are qualified to deliver.

Guidelines regarding the selection of units of competency for qualification outcomes are provided in Section 15 of Part A of the syllabus. Teachers should consult this document, along with Part B, when selecting units of competency.

The following examples have been developed as models which meet *HSC course indicative hour requirements* **and qualification packaging rules** for qualifications available in the Framework. Each model is an **example** of **one approach** and the models are **not prescriptive**.

The following examples are included:

Example 1: Mechanical
Automotive (240 indicative hours) – Certificate II in Automotive Mechanical (AUR20705)

Example 2: Vehicle Body
Automotive (240 indicative hours) – Certificate II in Automotive Vehicle Body (AUR20905)

Example 1: Mechanical

This scope and sequence is for the delivery of Automotive (240 indicative hours) over two years.

The possible qualification outcome is:

- Certificate II in Automotive Mechanical (AUR20705).

YEAR 11

Week		1	2	3	4	5	6	7	8	9	10
TERM 1	Automotive (240 hours)	Introduction to the course			Automotive systems and components (10)		AURC270103A Apply safe working practices (10)				
		Automotive industry induction (5)					AURE218670A Service, maintain or replace batteries (5)				
		AURT271781A Implement and monitor environment regulations in the automotive mechanical industry (5)					AURT270278A Use and maintain workplace tools and equipment (5)				
		Assessment for RPL (refer to Part A syllabus – Section 8.3)					→ A 35-hour work placement is to be undertaken by end of Term 3				

Week		1	2	3	4	5	6	7	8	9	10
TERM 2	Automotive (240 hours)	Automotive systems and components (15)									
		AURT225667A Use and maintain measuring equipment (15)									
		AURT270278A Use and maintain workplace tools and equipment (10)									
		AURC270103A Apply safe working practices (5)									
		AURT271781A Implement and monitor environment regulations in the automotive mechanical industry (5)									
		AURT200368A Select and use bearings, seals, gaskets, sealants and adhesives (10)									
		AURT201170A Inspect and service engines (15)									
		AURT202170A Inspect and service cooling systems (10)									
		work placements									

Week		1	2	3	4	5	6	7	8	9	10
TERM 3	Automotive (240 hours)	Automotive systems & components cont/d				Revision		Automotive systems & components cont/d			
		AURT225667A cont/d						AURT225667A cont/d			
		AURT270278A cont/d						AURT270278A cont/d			
		AURC270103A cont/d						AURT200368A Select and use bearings, seals, gaskets, sealants and adhesives (5)			
		AURT271781A cont/d						AURT212670A Service final drive assemblies (10)			
		AURT200368A cont/d						AURT213170A Service final drive (driveline) (10)			
		AURT201170A cont/d									
		AURT202170A cont/d									
		work placements					work placements ←				

Week		1	2	3	4	5	6	7	8	9	10
TERM 4	Automotive (240 hours)	Automotive systems and components cont/d									
		AURT225667A cont/d									
		AURT270278A cont/d									
		AURT200368A cont/d									
		AURT212670A cont/d									
		AURT213170A cont/d									
		→ A second 35-hour work placement is to be undertaken by end of Term 2, Year 12									

YEAR 12

		Week	1	2	3	4	5	6	7	8	9	10
TERM 1	Automotive (240 hours)	AURC252103A Apply basic automotive troubleshooting processes (20) AURT201170A Inspect and service engines (10) AURT270278A Use and maintain workplace tools and equipment (5) AURC270789A Communicate effectively in the workplace (10)								Revision	Year 12 exams	
		work placements										

		Week	1	2	3	4	5	6	7	8	9	10
TERM 2	Automotive (240 hours)	AURC252103A cont/d AURT201170A cont/d AURT270278A cont/d AURC270789A cont/d		Automotive industry induction (10)		AURC270103A Apply safe working practices (5) AURE218708A Carry out repairs to single electrical circuits (25) AURT270278A Use and maintain workplace tools and equipment (5)						
		work placements ←										

		Week	1	2	3	4	5	6	7	8	9	10
TERM 3	Automotive (240 hours)	AURC270103A cont/d AURE218708A cont/d AURT270278A cont/d		Revision	Trial HSC		Revision					

Example 2: Vehicle Body

This scope and sequence is for the delivery of Automotive (240 indicative hours) over two years.

The possible qualification outcome is:

- Certificate II in Automotive Vehicle Body (AUR20905).

YEAR 11

Week		1	2	3	4	5	6	7	8	9	10
TERM 1	Automotive (240 hours)	Introduction to the course			Automotive systems and components (10)		AURC270103A Apply safe working practices (10) AURE218670A Service, maintain or replace batteries (5) AURT270278A Use and maintain workplace tools and equipment (5)				
		Automotive industry induction (5)									
		Assessment for RPL (refer to Part A syllabus – Section 8.3)					→ A 35-hour work placement is to be undertaken by end of Term 3				

Week		1	2	3	4	5	6	7	8	9	10
TERM 2	Automotive (240 hours)	Automotive systems and components (15)									
		AURT270278A Use and maintain workplace tools and equipment (15)									
		AURC270103A Apply safe working practices (5) AURV271403A Apply environment regulations and best practice in the body repair industry (5) AURV225908A Carry out panel repairs (25) AURV226108A Carry out pre-repair operations (vehicle body) (20) AURV226965A Remove and replace/fit protector mouldings, transfers and decals (10)									
		work placements									

Week		1	2	3	4	5	6	7	8	9	10	
TERM 3	Automotive (240 hours)	Automotive systems & components cont/d				Revision		Automotive systems & components cont/d				
		AURT270278A cont/d										
		AURC270103A cont/d AURV271403A cont/d AURV225908A cont/d AURV226108A cont/d AURV226965A cont/d				Yr 11 exams		AURC270103A cont/d AURV271403A cont/d AURV225908A cont/d AURV226108A cont/d AURV226965A cont/d				
		work placements					work placements ←					

Week		1	2	3	4	5	6	7	8	9	10
TERM 4	Automotive (240 hours)	Automotive systems and components cont/d									
		AURT270278A cont/d									
		AURV229608A Carry out masking procedures (10) AURV230203A Apply rust prevention and sound deadening materials (15) AURV230349A Prepare vehicle components for paint repairs (20)									
		→ A second 35-hour work placement is to be undertaken by end of Term 2, Year 12									

YEAR 12

Week		1	2	3	4	5	6	7	8	9	10
TERM 1	Automotive (240 hours)	AURC252103A Apply basic automotive troubleshooting processes (20) AURC270789A Communicate effectively in the workplace (10)							Revision	Year 12 exams	
		work placements									

Week		1	2	3	4	5	6	7	8	9	10
TERM 2	Automotive (240 hours)	AURC252103A cont/d	Automotive industry induction (10)	AURC270103A Apply safe working practices (5) AURE218708A Carry out repairs to single electrical circuits (25) AURT270278A Use and maintain workplace tools and equipment (5)							
		AURC270789A cont/d		work placements ←							

Week		1	2	3	4	5	6	7	8	9	10
TERM 3	Automotive (240 hours)	AURC270103A cont/d	Revision	Trial HSC		Revision					
		AURE218708A cont/d									
		AURT270278A cont/d									