

# Chat with TAC Clustering units

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# Presentation and Questions

**15  
Mins**

- The fundamentals of clustering units
- The benefits for RTOs and learners when we cluster units
- How to cluster units – some practical examples
- Challenges when clustering
- Where to find more information

**15  
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- Your questions



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# Clustering

We cluster for delivery and/or assessment to:

- meet the required competency profile of the learner
- reflect the workplace in the learning and assessment experience
- maximise the opportunities for holistic evidence gathering in the assessment process
- address the co-requisite requirements of the unit of competency
- maximise efficiency of effort for the trainer/assessor and the learner



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# What are the benefits of clustering for RTOs and Learners?

Waiting for responses ...



	BSBAUD411	BSBAUD511	BSBAUD512	BSBAUD513
Auditing codes of practice and ethics	<u>X</u>	<u>X</u>		
Auditing methods and techniques, including audit plans and value adding activities	x	<u>X</u>		<u>X</u>
Requirements of auditing regulations and standards	x	<u>X</u>	<u>X</u>	<u>X</u>
Current audit practices	<u>X</u>	<u>X</u>		
Quality auditing principles, techniques and systems	x	<u>X</u>	<u>X</u>	<u>X</u>
Requirements of organisational and audit style manual protocols for written communications		<u>X</u>		<u>X</u>
Key features of technology required for quality auditing activities described in performance evidence	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>

	BSBAUD411	BSBAUD511	BSBAUD512	BSBAUD513
Auditing codes of practice and ethics	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Auditing methods and techniques, including audit plans and value adding activities	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Requirements of auditing regulations and standards	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Current audit practices	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Quality auditing principles, techniques and systems	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Requirements of organisational and audit style manual protocols for written communications	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Key features of technology required for quality auditing activities described in performance evidence	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>

# Clustered Quality Auditing Course



The candidate must demonstrate knowledge of the following when conducting civil construction **skid steer loader** operations:

- ground conditions
- isolation procedures
- equipment processes, technical capability and limitations
- preparation for fire/accident/emergency
- signs of operator fatigue and how it should be managed
- interpretation of drawings and sketches
- site isolation and traffic control responsibilities and authorities

- Civil construction terminology
- project quality requirements
- basic principles of soil technology and soil compaction for civil works

- basic earthworks calculations
- Civil construction activity sequences of road construction, earthworks and drainage
- methods for calculating safe working loads
- operational, maintenance and basic diagnostics

- housekeeping activities
- vehicle refuelling requirements and procedures

The candidate must demonstrate knowledge of the following when conducting civil construction **wheeled front end loader** operations:

- ground conditions
- isolation procedures
- equipment processes, technical capability and limitations
- preparation for fire/accident/emergency
- signs of operator fatigue and how it should be managed
- drawings and sketches
- site isolation and traffic control responsibilities and authorities

- Civil construction terminology
- project quality requirements
- basic principles of soil technology and soil compaction for civil works

- basic earthworks calculations
- Civil construction activity sequences of road construction, earthworks and drainage
- methods for calculating safe working loads
- operational, maintenance and basic diagnostics

- housekeeping activities
- vehicle refuelling requirements and procedures



	Yes	No	Implications or Comments
<b>Characteristics of the Units of Competency</b>			
Do the units in your proposed cluster have common knowledge and/or skills and/or performance requirements?			
Are they at the same Australian Qualifications Framework level?			
Do they have common application in tasks?			
<b>Learner</b>			
Does the learner need to be competent in all the units or would it be better if they completed an individual unit?			
Does the learner already have competence in some of the knowledge and skills in the cluster? If so, can this be recognised within a clustered learning program or assessment process?			
<b>RTO</b>			
Does the training package allow for these units to be grouped into a cluster?			
If the cluster is going to contribute to a qualification, will it meet the qualification packaging rules?			
Does the RTO have staff who are vocationally competent in the cluster?			
Is the RTO able to effectively timetable a clustered learning program or assessment process?			
<b>Workplace</b>			
Do the units reflect the typical tasks for this workplace?			
Does the workplace require all the units, or would it be better to offer individual units?			
Does the workplace have staff who are vocationally competent in the cluster and able to help learners in the workplace?			
Does the workplace have access to all the equipment and facilities required to deliver and assess the cluster in the workplace?			

# Yes, No, Maybe.

Clustering is not always the best option for training and assessment.

You can use the checklist in the handout to help you consider key factors that will influence your decision to cluster... or not!

# Let's consider one of these questions

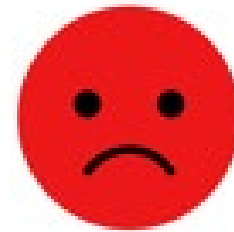
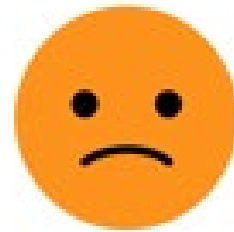
**Are the units at the same Australian Qualifications Framework level?**

BSBAUD411

BSBAUD511

BSBAUD512

BSBAUD513



# In Summary

- Clustering is a valuable tool for RTOs
- Clustering can be used for delivery, assessment or both
- Clustering brings many benefits to learners, RTOs and the workplace
- Clustering has to be carefully considered and planned to be effective



# What resources can you access

- The *Standards for Registered Training Organisations (RTOs) 2015*
- TAC Users' Guide – Standards for RTOs
- DTWD Publication – Assessment in the VET Sector 2016
- Clustering Checklist – Webinar Handout.





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# Questions



# Contact TAC



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