



Australian Government

CUASET402 Construct mechanical sets

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with <i>CUA Live Performance and Entertainment Training Package Version 1.0</i> .

Application

This unit describes the performance outcomes, skills and knowledge required to construct set elements that are operated through mechanical devices in the screen, media, entertainment and events industries.

Individuals who apply these skills work autonomously in a team environment as they take responsibility for ensuring that mechanical set pieces meet the creative requirements of productions. They may be responsible for supervising others.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Visual communication – sets

Elements and Performance Criteria

Elements <i>Elements describe the essential outcomes.</i>	Performance Criteria <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine requirements for mechanical sets	1.1 In consultation with relevant colleagues and with reference to production documentation, confirm requirements for mechanical sets 1.2 Discuss construction and safety issues associated with constructing mechanical sets and plan accordingly 1.3 Take budgets and other constraints into account when planning work 1.4 Reach agreement on scope of own work and construction deadlines 1.5 Update construction plans to take account of discussions as required
2. Prepare for construction work	2.1 Select equipment and materials based on the way in which mechanical set pieces are to be used 2.2 Consider different construction options and use those that will enhance the final outcome 2.3 Calculate quantities of required materials, avoiding waste where possible
3. Complete construction work	3.1 Follow construction plans to create mechanical set pieces, ensuring that safety procedures are followed at all times 3.2 Check items produced in terms of durability, quality of finish and suitability for production requirements 3.3 Seek feedback on work in progress and adjust construction techniques as required 3.4 Test operation of completed set pieces according to organisational requirements 3.5 Contribute to evaluations of set construction processes and note ways to improve own work performance

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Learning	3.5	<ul style="list-style-type: none"> Seeks the views of others to identify ways to improve own performance
Reading	1.1, 1.3, 3.1	<ul style="list-style-type: none"> Interprets production documentation in relation to own duties
Writing	1.5, 3.5	<ul style="list-style-type: none"> Documents outcomes of evaluations
Oral communication	1.1, 1.2, 1.4, 3.3, 3.5	<ul style="list-style-type: none"> Obtains information by listening and questioning Uses clear language to express views Discusses ideas and solutions
Numeracy	1.3, 2.3	<ul style="list-style-type: none"> Performs simple calculations when taking measurements and checking that expenditure on mechanical set elements meets budget allocations
Navigate the world of work	1.1, 1.2, 1.4, 2.3, 3.1, 3.2, 3.4	<ul style="list-style-type: none"> Takes responsibility for decisions about when and how to complete tasks Takes responsibility for meeting health and safety requirements in relation to constructing mechanical sets within scope of own role Applies organisational procedures and meets expectations associated with own role
Interact with others	1.1, 1.2, 1.4, 3.3, 3.5	<ul style="list-style-type: none"> Works collaboratively
Get the work done	1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 2.3, 3.1, 3.2, 3.3, 3.4	<ul style="list-style-type: none"> Adopts a methodical and logical approach to the process of constructing mechanical sets Manages time efficiently to meet work deadlines Assesses information and ideas about mechanical devices and plans the most effective way to meet production requirements Plans and organises own workload Makes decisions related to own role and takes responsibility for their outcomes

Unit Mapping Information

Code and Title Current Version	Code and Title Previous Version	Comments	E/N
CUASET402 Construct mechanical sets	CUESET10B Construct mechanical sets	Updated to meet Standards for Training Packages	E

Links

Companion volumes are available at: - <http://www.ibsa.org.au>