



Australian Government

CUAPRP415 Construct mechanical props

Release: 1

CUAPRP415 Construct mechanical props

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to construct props that include the use of mechanical devices, such as cables, levers and fulcrums.

The unit applies to those who work autonomously in a team environment as they take responsibility for ensuring that mechanical props 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 – Props

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine requirements for mechanical props	1.1 Confirm requirements for mechanical props with required personnel 1.2 Discuss project constraints with required personnel that may impact on props required 1.3 Reach agreement on scope of own work and construction deadlines 1.4 Create construction plans that display outcomes of project discussions
2. Prepare for construction work	2.1 Analyse how prop items are to be used and select the most appropriate construction techniques based on prop use 2.2 Select tools, equipment and materials for mechanical props 2.3 Calculate quantities of required materials, avoiding waste

ELEMENT	PERFORMANCE CRITERIA
	where possible
3. Undertake construction work	3.1 Create mechanical props by following construction plans 3.2 Confirm safety procedures are always followed throughout the construction phase 3.3 Check items produced in terms of durability, quality of finish, and suitability for production requirements
4. Complete construction work	4.1 Seek feedback on work from required personnel and adjust techniques where required 4.2 Prepare items in readiness for finishing, according to production requirements 4.3 Improve own work performance through evaluation of the construction process

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Learning	<ul style="list-style-type: none"> Improves own performance through seeking and comprehending the views of others
Reading	<ul style="list-style-type: none"> Interprets production documentation in relation to own duties
Writing	<ul style="list-style-type: none"> Updates workplace documentation
Oral communication	<ul style="list-style-type: none"> Obtains information by listening and questioning and uses clear language when expressing views
Numeracy	<ul style="list-style-type: none"> Performs simple calculations when taking measurements and when checking that expenditure on props meets budget allocations
Self-management	<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 constructing mechanical props within scope of own role
Teamwork	<ul style="list-style-type: none"> Makes mechanical props through collaboration with a range of personnel
Planning and organising	<ul style="list-style-type: none"> Adopts a methodical and logical approach to the process of constructing mechanical props Plans and organises own workload according to project timelines

Unit Mapping Information

Supersedes and is equivalent to CUAPRP405 Construct mechanical props.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>