



Australian Government

CUAMUP614 Create prosthetics for special make-up effects

Release: 1

CUAMUP614 Create prosthetics for special make-up effects

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 create prosthetic pieces for special make-up effects in productions for the screen, media and entertainment industries. This includes creating realistic prosthetics ranging from facial parts, wounds and larger facial or body pieces, and multiple or overlapping appliances, using current techniques and materials, including platinum-based silicone, life-casting and urethane for moulds.

The unit applies to those who possess sophisticated interpersonal skills due to the lengthy creation process of prosthetic pieces and the extensive interaction with performers. They can work alone or, on large-scale productions, they can be responsible for supervising other staff.

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

Pre-requisite Unit

CUAMUP513 Design and apply special make-up effects

Unit Sector

Visual communication – Make-up

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. Prepare to create prosthetics	1.1 Confirm prosthetic production requirements in consultation with required personnel and with reference to production documentation 1.2 Identify construction timelines and other production factors that may affect production processes 1.3 Identify performer requirements

ELEMENT	PERFORMANCE CRITERIA
	1.4 Source reference materials and research aspects of required effects 1.5 Maintain currency of reference materials and findings, and organise them for easy access by others 1.6 Generate design and production ideas that meet production requirements 1.7 Document plans for construction of prosthetics according to production requirements 1.8 Discuss plans with required personnel and incorporate feedback into final plans as required 1.9 Discuss with required personnel the types of materials to be used to create prosthetics according to production requirements
2. Produce original life casts for prosthetic pieces	2.1 Check with performers about medical conditions that could prevent or hinder life casts being taken 2.2 Explain the casting process and emergency procedures to performers according to production requirements 2.3 Position performers according to production requirements 2.4 Determine the position of separate or joining sections, seams and keys 2.5 Check materials and release agents meet production requirements 2.6 Prepare, compound and safely apply materials 2.7 Obtain accurate replication of performers according to production requirements 2.8 Safely remove life casts and restore performer skin and hair to original condition 2.9 Pour up positive form in life cast using materials that meet production requirements 2.10 Make corrections and fix distortions in the positive form
3. Make prosthetics	3.1 Determine placement of prosthetic overlaps or blending edges on performers according to production requirements 3.2 Compound, handle, store and dispose of materials according to manufacturer instructions, safety data sheets and health, safety and hygiene procedures 3.3 Determine appropriate materials and techniques to make prosthetics according to design plans 3.4 Prepare life cast surface and sculpt prosthetic design onto life cast positive using sculpting materials that meet production requirements 3.5 Create negative moulds of sculpt 3.6 Prepare prosthetic casting material and pour up, run and cast prosthetic material into prepared moulds

ELEMENT	PERFORMANCE CRITERIA
	3.7 Prevent deformation and impairment when separating moulds and re-joining sectional moulds 3.8 De-mould, finish and store prosthetics and moulds to avoid deterioration, distortion and damage
4. Complete work	4.1 Safely store and dispose of materials and equipment used in creation of prosthetics according to production requirements 4.2 Complete workplace documentation as required 4.3 Evaluate finished prosthetics against production requirements and note areas for improvement

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
Oral communication	• Uses language and non-verbal features appropriate to audience and context • Confirms understanding and discusses requirements using listening and questioning techniques
Reading	• Analyses textual information when determining prosthetic requirements • Researches reference materials
Writing	• Completes and update workplace documentation and document plans using clear, specific and industry-related terminology • Documents research findings in format that meets production requirements
Initiative and enterprise	• Makes decisions related to own role and takes responsibility for meeting production requirements • Generates and evaluates creative prosthetic ideas and concepts
Planning and organising	• Plans, organises and implements required tasks and resources
Self-management	• Follows legislative requirements and organisational procedure when handling materials and working with performers
Teamwork	• Works collaboratively with required personnel • Follows accepted communication practices and protocols

Unit Mapping Information

Supersedes and is equivalent to CUAMUP504 Create prosthetics for special make-up effects.

Links

Companion Volume Implementation Guide is found on VETNet: -

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

Assessment Requirements for CUAMUP614 Create prosthetics for special make-up effects

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- create prosthetics for special make-up effects according to at least two different production requirements.

In the course of the above, the candidate must:

- undertake research to inform the design of prosthetics for special make-up effects
- consider special requirements of performers when designing prosthetic pieces
- develop designs and construction plans for prosthetic pieces that incorporate feedback and ideas from others
- work collaboratively with others and make life casts for prosthetic pieces
- construct prosthetic pieces that meet design specifications
- safely store components used in the construction process
- complete work within production schedules
- comply with work health and safety (WHS) and hygiene requirements when designing and creating prosthetics for special make-up effects
- clearly explain procedures to performers during prosthetic casting and fitting sessions.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- common production requirements for creating prosthetics for special make-up effects including:
 - designs and construction plans
 - technical and creative criteria
 - skin types and conditions
 - performer comfort
 - safety and hygiene procedures and requirements

- materials and release agents for casting
- roles and responsibilities of personnel who need to be consulted in relation to creating prosthetics for special make-up effects
- products and materials used for creating prosthetics for special make-up effects, including:
 - silicone
 - encapsulate plastics
 - foam
 - urethane
 - epoxy
- techniques and materials used to create sculptures, accurate moulds and precise prosthetics
- methods for applying, removing and storing prosthetic materials
- relationship between face and body shapes and the principles of prosthetics design
- aspects of skin structures and medical conditions that need to be taken into account when designing prosthetic pieces
- legislative requirements and organisational procedures for handling materials and working with performers
- ways colour design principles are used in the context of designing and creating prosthetics for special make-up effects
- WHS requirements for creating prosthetics for special make-up effects
- impact of ingredients in prosthetic products on human skin
- strategies to evaluate finished prosthetics against production requirements for improvement.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- prosthetic products, materials and equipment
- productions requiring prosthetics for special make-up effects
- reference materials
- interaction with others required to demonstrate the performance evidence.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational educational and training legislation, frameworks and/or standards.

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