

DETERMINE BROADCAST EQUIPMENT AND STUDIO OPERATIONS

TVET CDACC UNIT CODE: ME/OS/BJ/CR/02/6/MA

UNIT DESCRIPTION

This unit specifies the competencies required to determine broadcast equipment and studio operations. It involves determining studio equipment and arrangements, preparing studio operation room, managing broadcast studio operations, determining editing equipment's and operations and demonstrating the use of broadcast technologies.

ELEMENTS AND PERFORMANCE CRITERIA

ELEMENT These describe the key outcomes which make up workplace function .	PERFORMANCE CRITERIA These are assessable statements which specify the required level of performance for each of the elements. <i>(Bold and italicized terms are elaborated in the range)</i>
1. Determine studio equipment and arrangements	1.1 Broadcast environment is identified based on the organizational objectives. 1.2 Studio equipment is determined as per the organization 'activities'. 1.3 Studio set-up is established as per organizational activities.
2. Prepare studio operation room	2.1 Scope of studio operations is determined based on organizational objectives. 2.2 <i>Studio operation resources</i> are determined as per organizational objectives. 2.3 Studio operation room is set up based on the SOPs.
3. Manage Broadcast studio operations	3.1 Studio operators are trained as per the SOPs. 3.2 Studio operation rules and regulations are established based on SOPs. 3.3 Broadcast Studio equipment service and maintenance schedule is established as per the SOPs. 3.4 Studio operation schedule is established based on organizational objectives.
4. Determine Editing equipment and operations	4.1 <i>Broadcast editing tools</i> are determined as per the organization 'activities'. 4.2 Studio equipment and tools are established as per SOPs

5. Demonstrate the understanding of broadcast technologies	5.1 Broadcast technologies are determined based on organizational objectives. 5.2 Broadcast technologies are applied as per the SOPs
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RANGE

This section provides work environments and conditions to which the performance criteria apply. It allows for different work environment and situations that will affect performance.

Variable	Range
1. Studio operation resources may include but not limited to:	• Human • Financial • Physical location • Technical
2. Broadcast editing tools may include but not limited to:	• Editing Suites, • Editing Hardware • Editing Software

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit of competency.

Required skills

The individual needs to demonstrate the following skills:

- Communication
- ICT
- Interpersonal
- Planning
- Budgeting
- Technical know-how
- Innovation
- Multi-media

Required knowledge

The individual needs to demonstrate knowledge of:

- Media regulations and policies
- Media code of ethics
- Security and safety
- Current affairs

- Technological savvy
- Maintenance and repair

EVIDENCE GUIDE

This provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge and range.

2. Critical Aspects of Competency	Assessment requires evidence that the candidate: 1.1 Determined studio equipment and arrangements 1.2 Demonstrated ability to prepare a studio operation room 1.3 Demonstrated ability to manage broadcast studio operations 1.4 Determined editing equipment's and operations 1.5 Demonstrated ability to use broadcast technologies
3. Resource Implications	The following resources should be provided: 2.1 Access to relevant workplace where assessment can take place 2.2 Appropriately simulated environment where assessment can take place
4. Methods of Assessment	Competency may be assessed through: 4.1 Interview 4.2 Observation 4.3 Written tests 4.4 Third party reports
5. Context of Assessment	Competency may be assessed on: 4.1 On the job 4.2 Off the job 4.3 During industrial attachment
6. Guidance information for assessment	Holistic assessment with other units relevant to the industry subsector, workplace and job roles is recommended.