

BROADCAST PROGRAMS PRODUCTION

TVET CDACC UNIT CODE: ME/CU/BJ/CR/01/6/A

Relationship to Occupational Standards

This unit addresses the unit of competency: produce broadcast programs

Duration of Unit: 100hours

Unit Description

This unit specifies the competencies required to produce broadcast programs. It involves determining broadcast equipment, recording audio programs, producing audio programs, recording video programs; produce video programs and directing broadcast programs

Summary of Learning Outcomes

	Elements	Duration (Hrs)
1	Determine broadcast equipment	10
2	Record audio programs	15
3	Produce audio programs	15
4	Record video programs	15
5	Produce video programs	20
6	Direct broadcast programs	25
	TOTAL	100

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Determine broadcast equipment	1.1 Meaning of audio production 1.2 Types of audio productions 1.3 Scope of audio production 1.4 Importance of audio production in broadcasting 1.5 Mixing audio for radio 1.6 Audio recorders 1.7 Digital recorders	• Observation • Written tests • Assignments • Supervised exercises

2. Record audio programs	2.1 Audio production and recording equipment 2.2 Sound mixers 2.3 Sound speakers 2.4 Audio editing software	• Observation • Written tests • Assignments • Supervised exercises
3. Produce audio programs	3.1 Audio processing 3.2 Purpose of sound effects 3.3 Audio mixing transitions 3.4 Mixing sound effects	• Observation • Written tests • Oral questioning • Assignments • Supervised exercises
4. Record video programs	4.1 Studio acoustics 4.2 Sound recording environment 4.3 Conventions in audio control 4.4 Recording sound from different sources	• Observation • Written tests • Oral questioning • Assignments • Supervised exercises
5. Produce video programs	5.1 Process of video editing 5.2 Various types of video editing software 5.3 Types of video effects 5.4 Video storage and back-ups 5.5 Video commercials presentation 5.6 Audio and video production policies and regulations 5.7 Challenges of digitalization 5.8 Audio and video production 5.9 Emerging issues and trends in audio and video production	• Observation • Written tests • Oral questioning • Assignments • Supervised exercises

6. Direct broadcast programs	6.1 Introduction to video production 6.2 Types of video production 6.3 Scope of video production 6.4 Video camera set-up 6.5 Micro-phone set up 6.6 Lights set-up 6.7 Process of directing a video production 6.8 Art of directing video production	• Observation • Written tests • Oral questioning • Assignments • Supervised exercises
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Suggested Methods of Instruction

- Group discussions and presentation
- Demonstration by trainer
- Practical work by trainee
- Exercises

Recommended Resources

- Wireless microphones
- Video cameras
- Tablets
- Smart phones
- Laptops
- SD cards and card readers
- TFT screens
- Drone cameras
- Recorders