

CAMERA OPERATOR (TELEVISION, VIDEO, AND MOTION PICTURE)

RAPIDS: 0955D

O*NET/SOC: 27-4031.00

REVISION DATE: 03/2021

TRADE DESCRIPTION: Operate television, video, or motion picture camera to record images or scenes for various purposes, such as TV broadcasts, advertising, video production, or motion pictures.

TASK PERFORMANCE: Demonstrate knowledge and skills for qualifying as Journeyman. Applicable Job Qualification Requirements will be used as a guide in performing tasks and demonstrating knowledge in the following competencies.

TRADE ELIGIBILITY REQUIREMENTS:

Service Member assigned, trained and working full time in this trade occupation;

Have a minimum of 12 months remaining on active duty when beginning this trade apprenticeship;

Agree to abide by the National Standards of Apprenticeship.

Related Instruction:

Trade related On-The-Job-Training (OJT) or Any Trade related schools/courses totaling 216 or more hours.

Additional Requirement:

MC must hold NEC A04A.

JOB FUNCTION 1: OPERATION OF VIDEOGRAPHIC EQUIPMENT			
Competencies:	Achieved Competency	Date Achieved	Approved By
1 - Reload camera magazines with fresh raw film stock or memory device.			
2 - Assemble studio sets and select and arrange cameras, film stock, audio, or lighting equipment to be used during filming.			
3 - Compose and frame each shot, applying the technical aspects of light, lenses, film, filters, and camera settings to achieve the effects sought by directors.			
4 - Set up cameras, optical printers, and related equipment to produce photographs and special effects.			
5 - Adjust positions and controls of cameras, printers, and related equipment to change focus, exposure, and lighting.			
6 - Edit video for broadcast productions, including non-linear editing.			
7 - Operate zoom lenses, changing images according to specifications and rehearsal instructions.			
8 - Use cameras in any of several different camera mounts, such as stationary, track-mounted, or crane-mounted.			
9 - Operate television or motion picture cameras to record scenes for television broadcasts, advertising, or motion pictures.			
JOB FUNCTION 2: VIDEOGRAPHIC THEORY AND TECHNIQUES			
Competencies:	Achieved Competency	Date Achieved	Approved By
1 - Set up and operate electric news gathering (ENG) microwave vehicles to gather and edit raw footage on location to television affiliates for broadcast.			
2 - Download exposed film for shipment to processing labs.			
3 - Stay current with new technologies in the field by reading trade magazines or other media.			
4 - View films to resolve problems of exposure control, subject and camera movement, changes in subject distance, and related variables.			
5 - Observe sets or locations for potential problems and to determine filming and lighting requirements.			
6 - Set up and perform live shots for broadcast.			
7 - Design graphics for studio productions.			

8 - Read and analyze work orders and specifications to determine locations of subject material, work procedures, sequences of operations, and machine setups.			
9 - Confer with directors, sound and lighting technicians, electricians, and other crew members to discuss assignments and determine filming sequences, desired effects, camera movements, and lighting requirements.			
10 - Read charts and complete ratios to determine variables such as lighting, shutter angles, filter factors, and camera distances.			
11 - Prepare slates that describe the scenes being filmed.			
JOB FUNCTION 3: LOGISTICS			
Competencies:	Achieved Competency	Date Achieved	Approved By
1 - Label and record contents of exposed film and note details on report forms			
2 - Receive raw film stock and maintain film inventories.			
3 - Receive and maintain inventory of media in various formats.			
JOB FUNCTION 4: DIRECTION			
Competencies:	Achieved Competency	Date Achieved	Approved By
1 - Instruct camera operators regarding camera setups, angles, distances, movement, and variables and cues for starting and stopping filming.			
2 - Write new scripts for broadcasts.			
3 - Direct studio productions.			
JOB FUNCTION 5: VIDEOGRAPHY PREVENTIVE MAINTENANCE & SAFETY			
Competencies:	Achieved Competency	Date Achieved	Approved By
1 - Test, clean, maintain, and repair broadcast equipment, including testing microphones, to ensure proper working condition.			
FINAL APPROVER:	ALL COMPETENCIES COMPLETED:		
SIGNATURE:	DATE:		

