

CAMERA OPERATOR (TELEVISION, VIDEO, AND MOTION PICTURE)

RAPIDS: 0955D

O*NET/SOC: 27-4031.00

REVISION DATE: 09/2019

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 skill areas. Actual work time must be recorded in the Work Experience Log; each skill area must be completed.

Applicable Ratings/MOS/NEC

USMC MOS: 4571

USCG: None

USN: A04A, MC

USA MOS: 25V, 25Z

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 8143 (A04A).

Total Hours: **3000**

Skill	Description	Hours
A	OPERATION OF VIDEOGRAPHIC EQUIPMENT	1125

	<ul style="list-style-type: none"> -- Use cameras in any of several different camera mounts, such as stationary, track-mounted, or crane-mounted. -- Operate zoom lenses, changing images according to specifications and rehearsal instructions. -- Reload camera magazines with fresh raw film stock or memory device. -- Operate television or motion picture cameras to record scenes for television broadcasts, advertising, or motion pictures. -- Compose and frame each shot, applying the technical aspects of light, lenses, film, filters, and camera settings to achieve the effects sought by directors. -- Edit video for broadcast productions, including non-linear editing. -- Adjust positions and controls of cameras, printers, and related equipment to change focus, exposure, and lighting. -- Set up cameras, optical printers, and related equipment to produce photographs and special effects. -- Assemble studio sets and select and arrange cameras, film stock, audio, or lighting equipment to be used during filming. 	
B	<p>VIDEOGRAPHIC THEORY AND TECHNIQUES</p> <ul style="list-style-type: none"> -- Read and analyze work orders and specifications to determine locations of subject material, work procedures, sequences of operations, and machine setups. -- 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. -- Read charts and complete ratios to determine variables such as lighting, shutter angles, filter factors, and camera distances. -- Prepare slates that describe the scenes being filmed. -- Set up and operate electric news gathering (ENG) microwave vehicles to gather and edit raw footage on location to television affiliates for broadcast. -- Download exposed film for shipment to processing labs. -- Stay current with new technologies in the field by reading trade magazines or other media. -- View films to resolve problems of exposure control, subject and camera movement, changes in subject distance, and related variables. -- Observe sets or locations for potential problems and to determine filming and lighting requirements. 	1125

	<ul style="list-style-type: none"> -- Set up and perform live shots for broadcast. -- Design graphics for studio productions. 	
C	<p>LOGISTICS</p> <ul style="list-style-type: none"> -- Label and record contents of exposed film and note details on report forms -- Receive raw film stock and maintain film inventories. -- Receive and maintain inventory of media in various formats. 	125
D	<p>DIRECTION</p> <ul style="list-style-type: none"> -- Write new scripts for broadcasts. -- Direct studio productions. -- Instruct camera operators regarding camera setups, angles, distances, movement, and variables and cues for starting and stopping filming. 	125
E	<p>VIDEOGRAPHY PREVENTIVE MAINTENANCE & SAFETY</p> <p>Test, clean, maintain, and repair broadcast equipment, including testing microphones, to ensure proper working condition.</p>	500