

Work Processes Schedule

CAMERA OPERATOR (MOTION PICTURE; RADIO-TV BROAD)

RAPIDS: 0955N

O*NET/SOC: 27-4031.00

REVISION DATE: 06/2015

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

Applicable Ratings/MOS

USMC MOS None

USCG None

USN MC

Related Instruction

Any trade related schools/courses totaling 432 hours

Additional Requirement

Completion of MC A school and hold NEC 8143, 8144, or 8193

Total Hours: **6000**

Skill	Description	Hours
A	<p>ORIENTATION TO VIDEOGRAPHY</p> <p>Apply proper terminology. Assist experienced cameramen in using cameras and equipment. Observe required techniques for successful production.</p>	500
B	<p>OPERATION OF VIDEOGRAPHIC EQUIPMENT</p> <p>Record subjects using a variety of cameras and accessories. Properly assemble, position and interconnect equipment. Select proper lenses and filter combination to meet anticipated shooting conditions. Demonstrate limitations of various types of cameras, lenses, recording media and accessories. Adjust lens and camera settings to compensate for factors such as depth-of-field, subject motion, perspective, and lighting conditions. Operate lighting equipment, tripods, and accessories to achieve maximum image quality. Compensate for light quality to achieve desired lighting effect. Operate sound recording equipment.</p>	2000
C	<p>VIDEOGRAPHIC THEORY AND TECHNIQUES</p> <p>Follow instructions of the Director to achieve desired outcome. Examine shooting site to determine proper setup of camera and accessories. Arrange subject matter for proper emphasis and composition. Determine sound and audio requirements, lighting ratios, perspective, and color temperature. Create storyboards for uncontrolled action scenes. Apply proper shooting techniques for interior and exterior scenes. Match the camera lens to the desired perspective. Determine focal length, image size, speed of lens, hyper-focal distance, depth of field and angle of view. Establish pictorial continuity to include basic sequences, shot reestablishments, directional continuity, cut-ins, cutaways, and overlaps. Determine footage to be used; cut and edit video. Maintain and properly label log of footage, data, time, and other technical information. Store and maintain imagery in a manner that will minimize risk of damage or degradation.</p>	3000
	<p>VIDEOGRAPHY PREVENTIVE MAINTENANCE & SAFETY</p>	

D

Perform preventive maintenance and functional checks on video cameras and associated equipment. Perform operator maintenance on video sound recording equipment. Observe prescribed safety precautions.

500