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Model Curriculum

QP Name: Cinematographer

QP Code: MES/Q0905

QP Version: 1.0

NSQF Level: 5

Model Curriculum Version: 1.0

Media & Entertainment Skills Council, 522-524, DLF Tower-A, Jasola, New Delhi - 110025

Table of Contents

Training Parameters.....	3
Program Overview	4
Training Outcomes.....	4
Compulsory Modules.....	4
Elective Modules.....	Error! Bookmark not defined.
Optional Modules	Error! Bookmark not defined.
Module Details.....	5
Module Name	Error! Bookmark not defined.
Annexure.....	Error! Bookmark not defined.
Trainer Requirements	Error! Bookmark not defined.
Assessor Requirements.....	Error! Bookmark not defined.
Assessment Strategy.....	Error! Bookmark not defined.

Training Parameters

Sector	Media and Entertainment
Sub-Sector	Film, Television, Event management, Advertisement
Occupation	Camera Operations
Country	India
NSQF Level	5
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7321.1200
Minimum Educational Qualification and Experience	<p>Graduate with one year of relevant experience</p> <p>OR</p> <p>NSQF Level-4 Certification as Camera Operator with 2 years of relevant experience</p> <p>OR</p> <p>Diploma with 3 Years of relevant experience</p> <p>OR</p> <p>Class XII Pass with 4 years of relevant experience</p> <p>Minimum age 21 years</p> <p>For Bachelor Studies:</p> <p>Pursuing Graduation (B.Sc./B.Voc. in Cinematography)</p>
Pre-Requisite License or Training	NA
Minimum Job Entry Age	18 years
Last Reviewed On	05/05/2021
Next Review Date	04/05/2025
NSQF Approval Date	30/12/2021

QP Version	1.0
Model Curriculum Creation Date	25/4/2020
Model Curriculum Valid Up to Date	04/05/2025
Model Curriculum Version	1.0
Minimum Duration of the Course	600 Hours
Maximum Duration of the Course	600 Hours

Program Overview

This section summarizes the end objectives of the program along with its duration.

Training Outcomes

At the end of the program, the learner should have acquired the listed knowledge and skills.

- Explain equipment handling and video capture
- Perform video editing
- Develop and maintain portfolio
- Comply with workplace health and safety.

Compulsory Modules

The table lists the modules and their duration corresponding to the Compulsory NOS of the QP.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
MES/N0913– Equipment handling and video capture NOS Version No. 1.0 NSQF Level 5	20:00	50:00			70:00
Equipment handling	10:00	25:00			35:00
Video capturing	10:00	25:00			35:00
MES/N0914 – Carry out shooting NOS Version No. 1.0 NSQF Level 5	60:00	100:00			160:00
Edit clip / captured videos	14:00	31:00			45:00
Apply principle and rule of Copyright	14:00	32:00			46:00
MES/QN0015 – Apply Drone cinematography technique NOS Version No. 1.0 NSQF Level 5	30:00	70:00			100:00
Analyse Drone Techniques for photography	15:00	35:00			50:00
Apply drone technology for capturing still images	15:00	35:00			50:00
MES/QN0916 – Monitor video editing NOS Version No. 1.0 NSQF Level 5	20:00	50:00			70:00

MES/QN0107 – Develop and maintain portfolio NOS Version No. 1.0 NSQF Level 5	20:00	30:00			50:00
Create portfolio	10:00	15:00			25:00
Approach industry to avail Opportunities	10:00	15:00			25:00
MES/N0104– Maintain workplace health and safety NOS Version No. 1.0 NSQF Level 5	20:00	30:00			50:00
analysing the health, safety and security risks prevalent in the workplace	08:00	10:00			28:00
knowing the people responsible for health and safety and the resources available	06:00	20:00			26:00
identifying and reporting risks	05:00	20:00			15:00
complying with procedures in the event of an emergency	05:00	10:00			15:00
Total Duration	150:00	350:30	100:00		600:00

Module Details

Module 1: Equipment handling and

video capture

Terminal Outcomes:

- Equipment handling
- Video capturing

Duration: 20:00	Duration: 50:00
Theory – Key Learning Outcomes After the successful completion of this module, the Participant will be able to:	Practical – Key Learning Outcomes After the successful completion of this module, the Participant will be able to:
<ul style="list-style-type: none"> • Describe the role of a cinematographer. • Choose the best equipment to be used. • .Perform equipment cleaning and hardware disassembling. • Explain how to set up and tear down cameras, audio recorders, lighting, microphones, and props. • Explain rule of thirds, The Golden Ratio, Balancing elements, Symmetry and Patterns, Leading lines, Background, Depth of field, Headroom/looking room and leading room, Framing, Cropping, Colour, Movement • 	<ul style="list-style-type: none"> • Demonstrate the appropriate use of the camera, film, lenses, filters and lighting in videography. • Demonstrate how different camera angles are used to serve as commentary on the subject matter in the frame • Demonstrate lighting techniques and record a small video. • Show how to align and maintain the equipment. • Carry out repairing of broken equipment. • Check the equipment to maintain technical quality of recording, audio and lighting apparatus before beginning the work. • Demonstrate basics of exposure, white balance, and camera operation of aDSLR • Demonstrate various camera movements: Pan, Tilt, dolly, track. Simple shot, Complex shot. • Perform developing a shot andoperating a video camera • Demonstrate preproduction activities likeconcept, script, and

	<p>storyboard.</p> <ul style="list-style-type: none">• Demonstrate the use of other related equipment: a tripod, slider, glide cam, etc.• Show how to use software like: Adobe After Effects, Premiere & FCP• Decide on the elements like appropriate lighting, shooting angle and placement and type of microphone.• Follow instructions regarding assignment and assist the producer/director in production.• Record events using the camera.
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Classroom Aids:

Laptop, whiteboard, marker, projector, Health and Safety Signs and policy

Tools, Equipment and Other Requirements

Video Camera, Lenses, Sound equipment, Tripod, Drone, Gimbal, Lighting, Reflectors, Computer, Editing Software, Storage, Camera Bag, Headphones, Digital recorder, Zoom H6 6-Input / 6-Track Portable Handy Recorder with Interchangeable ,Mic Capsules, Dolly grips, Gaffer tape, Marker, Gloves, PPE Kit, Flashlight, Tape measure

Module 2: Carryout shooting

Terminal Outcomes:

- Edit clip / captured videos
- Apply principle and rule of copyright

Duration: 60:00	Duration: 100:00
Theory – Key Learning Outcomes After the successful completion of this module, the Participant will be able to:	Practical – Key Learning Outcomes After the successful completion of this module, the Participant will be able to:
<ul style="list-style-type: none"> • Explain how to maintain a steady image during camera movements. • Describe how to maintain continuity for shots taken in a sequence. • Describe how to compile videographic data. • Elaborate the scope for editing. • Explain how to edit and assemble the final material and ensure production consistency. • Justify the technical quality of end product. • Work closely with the producer or director on your ideas and production setting. • Supervise the security, operation and maintenance of equipment utilized in shooting and editing. • Explain how the shot will affect the mood and intention in a video. • Explain how to create motion effects for video and audio. • Create a film by editing raw footage available. • Explain how to insert closed captioning, graphics, or other on-screen text into a video. • Describe how to add computer graphics and special effects to a video. • Follow applicable copyright rule • Distinguish between copyrighted material, fair use, intellectual property, and derivative works. • Follow the copyright rules and use other creators material only with prior permission • Explain how to protect material even if it does not display the © symbol and penalties for violating copyright 	<ul style="list-style-type: none"> • Demonstrate and handle formats like digital, manual 35mm and medium format cameras to use for videography. • Show how to use Blimp. • Demonstrate how to use daylight and artificial lighting; combinations of daylight, free-standing lights and camera-mounted flash, both bounce flash and direct flash.

<p>laws</p> <ul style="list-style-type: none"> • Write e-mail to the author or creator and ask permission to use the material. 	
<p>Classroom Aids:</p>	
<p>Laptop, whiteboard, marker, projector, Health and Safety Signs and policy</p>	
<p>Tools, Equipment and Other Requirements</p>	
<p>Video Camera, Lenses, Sound equipment, Tripod, Drone, Gimbal, Lighting, Reflectors, Computer, Editing Software, Storage, Camera Bag, Headphones, Digital recorder, Zoom H6 6-Input / 6-Track Portable Handy Recorder with Interchangeable ,Mic Capsules, Dolly grips, Gaffer tape, Marker, Gloves, PPE Kit, Flashlight, Tape measure</p>	

Module 3: Apply drone techniques for still photography

Mapped to MES/N0911

Terminal Outcomes:

- Analyse Drone Techniques for photography
- Apply drone technology for capturing still images

Duration: 30:00	Duration: 70:00
Theory – Key Learning Outcomes After the successful completion of this module, the Participant will be able to:	Practical – Key Learning Outcomes After the successful completion of this module, the Participant will be able to:
<ul style="list-style-type: none"> • Explain drone technology and its uses • Discuss legal provisions of drone technology • Discuss barriers and confirm location for photography. • Plan in line with the requirement of the events like launch session, weddings, conferences, meeting etc. • Discuss the security, operation and maintenance of equipment utilized for photography. • Discuss features of drone. • Explain drone settings like camera, battery, firmware, • List difference between copyrighted material, fair use, intellectual property, and derivative works. • Describe range of shooting area and planning of sequences as well as suitable landing pad. • Discuss the use of FPV to frame up the shot 	<ul style="list-style-type: none"> • Show how to operate drone • prepare pre-fly checklist like flyzone, weather, surroundings, etc. • demonstrate its resolution, scale and applicable projection. • Demonstrate drive and various positions of drone. • demonstrate and handle variety of formats like digital, manual 35mm and medium format cameras to use for videography. • Show how to use Blimp. • Show how to use daylight and artificial lighting; combinations of daylight, free-standing lights and camera-mounted flash. • Demonstrate how to maintain continuity for shots taken in a sequence. • Produce images to be used during production, postproduction of the film by various departments.
Classroom Aids:	
Laptop, white board, marker, projector	
Tools, Equipment and Other Requirements	
Video Camera, Lenses, Sound equipment, Tripod, Drone, Gimbal, Lighting, Reflectors, Computer, Editing Software, Storage, Camera Bag, Headphones, Digital recorder, Zoom H6 6-Input / 6-Track Portable Handy Recorder with Interchangeable ,Mic Capsules, Dolly grips, Gaffer tape, Marker, Gloves, PPE Kit, Flashlight, Tape measure, drone	

Module 4: Develop and maintain portfolio

Terminal Outcomes:

- Create portfolio
- Approach industry to avail opportunities

Duration: 30:00	Duration: 36:00
<p>Theory – Key Learning Outcomes After the successful completion of this module, the Participant will be able to:</p>	<p>Practical – Key Learning Outcomes After the successful completion of this module, the Participant will be able to:</p>
<ul style="list-style-type: none"> • Explain the preparation of portfolio, recording, show reel, etc., • Elaborate how to select best headshots and performance shots to showcase. • Describe how you can create a portfolio that appeals the audience. • Elaborate the use of social media for promotion. • Explain promotion through networking. • Explain the benefits of reaching to associations for membership. • Explain how to reach approach clients in a professional manner • Carry proper attire for audition or presentation and be on time and be prepared for any test required during the audition. • Carry out negotiation for the best possible remuneration and get the contract. • Explain the components of an assignment contract including term and duration of project. • Work on determining the technical details of production. 	<ul style="list-style-type: none"> • Prepare an appealing portfolio. • Select the best shots and showcase them. • Prepare a presentation to promote your work to clients. • Demonstrate your negotiation skills during finalizing a contract.

Classroom Aids:	
Laptop, whiteboard, marker, projector, Health and Safety Signs and policy	
Tools, Equipment and Other Requirements	
Video Camera, Lenses, Sound equipment, Tripod, Drone, Gimbal, Lighting, Reflectors, Computer, Editing Software, Storage, Camera Bag, Headphones, Digital recorder, Zoom H6 6-Input / 6-Track Portable Handy Recorder with Interchangeable ,Mic Capsules, Dolly grips, Gaffer tape, Marker, Gloves, PPE Kit, Flashlight, Tape measure	

Module 6: Maintain workplace health and safety

Terminal Outcomes:

- understanding the health, safety and security risks prevalent in the workplace
- knowing the people responsible for health and safety and the resources available
- identifying and reporting risks
- complying with procedures in the event of an emergency

Duration: 20:00	Duration: 30:00
<p>Theory – Key Learning Outcomes After the successful completion of this module. The user will be able to:</p>	<p>Practical – Key Learning Outcomes After the successful completion of this module. The user will be able to:</p>
<ul style="list-style-type: none"> • Recall health, safety and security-related guidelines and identify the risks involved. • Maintain correct posture while working and maintain and use the first aid kit whenever required. • report health and safety risks/ hazards to concerned personnel • Recall people responsible for health and safety and able to contact in case of emergency • Illustrate security signals and other safety and emergency signals • Explain the process to identify and report risk. • Enumerate and recommend opportunities for improving health, safety, and security to the designated person • Describe how to report any hazards outside the individual’s authority to the relevant person in line with organisational procedures and warn other people who may be affected • complying with procedures in the event of an emergency • Explain the impact of the violation of safety procedures. 	<ul style="list-style-type: none"> • Identify the different types of health and safety hazards in a workplace • Practice safe working practices for own job role • Perform evacuation procedures and other arrangements for handling risks • Perform the reporting of hazard • identify and document potential risks like sitting postures while using the computer, eye fatigue and other hazards in the workplace • Demonstrate the use of Personal Protective Equipment (PPE) appropriately.

Classroom Aids:	
Laptop, whiteboard, marker, projector, Health and Safety Signs and policy	
Tools, Equipment and Other Requirements	
Health and Safety Signs and policy	

Mandatory Duration: 100:00	Recommended Duration: 100:00
Module Name: On-the-Job Training	
Location: On Site	
Terminal Outcomes	
After the successful completion of On-the-Job Training the participant will be able to acquire knowledge and skills required :	
<ul style="list-style-type: none"> • Carry out equipment handling and video capture • Perform video editing • Develop and maintain portfolio • Comply with workplace health and safety. 	

Annexure

Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
Graduate from any other polytechnic/ reputed institute in the core subject	Relevant trade	5	Relevant experience required .	NA	3	-
	OR					
ITI from any other polytechnic/ reputed institute in the core subject	Relevant trade	5		NA	3	
	OR					
Diploma from any other polytechnic/ reputed institute in the core subject	Videography	5		NA	3	
	OR					

Trainer Certification	
Domain Certification	Platform Certification

**Certified for Job Role: "Cinematographer"
mapped to QP: "MES/Q0905", version 1.0.
Minimum accepted score as per SSC guidelines
is 80%.**

**Recommended that the Trainer is certified for the
Job Role: "Trainer", mapped to the Qualification
Pack: "MEP/Q2601, v1.0 Trainer" with the scoring
of a minimum of 80%.**

Assessor Requirements

Assessor Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
Class XII	NA	5	Videography	NA	3	-
OR						
Diploma	Videography	4	Videography	NA	3	-
OR						
Graduation	Relevant trade	4	Videography	NA	3	-

Assessor Certification	
Domain Certification	Platform Certification
<p>Certified for Job Role: “Cinematographer” mapped to QP: “MES/Q0905”, version 1.0. Minimum accepted score as per SSC guidelines is 80%.</p>	<p>Recommended that the Assessor is certified for the Job Role: “Assessor”, mapped to the Qualification Pack: “MEP/Q2701, v1.0 Assessor” with the scoring of a minimum 80%.</p>

Assessment Strategy

This section includes the processes involved in identifying, gathering and interpreting information to evaluate the learner on the required competencies of the program.

Assessment system Overview:-

Assessment will be carried out by MESC affiliated assessment partners. Based on the results of assessment, MESC certifies the learners. Candidates have to pass online theoretical assessment which is approved by MESC. The assessment will have both theory and practical components in 30:70 ratio. While theory assessment is summative and an online written exam; practical will involve demonstrations of applications and presentations of procedures and other components. Practical assessment will also be summative in nature.

Testing Environment:-

Training partner has to share the batch start date and end date, number of trainees and the job role. Assessment is fixed for a day after the end date of training. It could be next day or later. Assessment will be conducted at the training venue. Question bank of theory and practical will be prepared by assessment agency and approved by MESC. From this set of questions, assessment agency will prepare the question paper. Theory testing will include multiple choice questions, pictorial question, etc. which will test the trainee on theoretical knowledge of the subject. The theory and practical assessments will be carried out on same day. If there are candidates in large number, more assessors and venue will be organized on same day of the assessment.

Assessment			
Assessment Type	Formative or Summative	Strategies	Examples
Theory	Summative	Written Examination	Knowledge of facts related to the job role and functions. Understanding of principles and concepts related to the job role and functions
Practical	Summative	Structured tasks	Presentation
Viva	Summative	Questioning and Probing	Mock interview on topics

Assessment Quality Assurance framework

Only certified assessor can be assigned for conducting assessment. Provision of 100 % video recording with clear audio to be maintained and the same is to be submitted to MESC. The training partner will intimate the time of arrival of the assessor and time of leaving the venue.

Methods of Validation:-

Unless the trainee is registered, the person cannot undergo assessment. To further ensure that the person registered is the person appearing for assessment, id verification will be carried out. Aadhar

card number is required of registering the candidate for training. This will form the basis of further verification during the assessment. Assessor conducts the assessment in accordance with the assessment guidelines and question bank as per the job role. The assessor carries tablet with the loaded questions. This tablet is geotagged and so it is monitored to check their arrival and completion of assessment. Video of the practical session is prepared and submitted to MESC. Random spot checks/audit is conducted by MESC assigned persons to check the quality of assessment. Assessment agency will be responsible to put details in SIP. MESC will also validate the data and result received from the assessment agency.

Method of assessment documentation and access

The assessment agency will upload the result of assessment in the portal. The data will not be accessible for change by the assessment agency after the upload. The assessment data will be validated by MESC assessment team. After upload, only MESC can access this data. MESC approves the results within a week and uploads it.