Model Curriculum

QP Name: **Still Photographer**

QP Code: **MES/Q0904**

QP Version: **1.0**

NSQF Level: **4**

Model Curriculum Version: **1.0**

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

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Training Parameters

Sector	Media and Entertainment
Sub-Sector	Film, Television, Event, Advertisement
Occupation	Photography
Country	India
NSQF Level	4
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7321.1200
Minimum Educational Qualification and Experience	Class XII Pass with one year of relevant experience OR NSQF Level-3 Certification as Assistant Cameraman with one year of relevant experience Minimum age 18 years
Pre-Requisite License or Training	NA
Minimum Job Entry Age	18 years
Last Reviewed On	05/05/2021
Next Review Date	04/05/2025
NSQC Approval Date	
QP Version	1.0
Model Curriculum Creation Date	25/4/2020
Model Curriculum Valid Up to Date	Next QP review
Model Curriculum Version	1.0
Minimum Duration of the Course	450 Hours
Maximum Duration of the Course	450 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.

- Describe the use of photographic equipment, technology, camera techniques.
- Produce still Images
- Handle digital image
- Apply drone techniques for still photography
- 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/N0909 Use of photographic equipment, technology, camera techniques. **NOS Version No. 1.0** **NSQF Level 4**	**15:00**	**35:00**			**50:00**
Identify the right photography camera	9:00	15:00			24:00
Uses of photographic equipment, materials, techniques and resources	6:00	20:00			26:00
MES/N0910- Produce still Images **NOS Version No. 1.0** **NSQF Level 4**	**25:00**	**35:00**			**60:00**
Produce still images relevant to publicizing / marketing / branding	15:00	20:00			35:00
Capture different types of shots which are directly relevant to publicizing the film /event etc.	10:00	15:00			25:00
MES/N0911- Apply drone techniques for still photography **NOS Version No. 1.0** **NSQF Level 4**	**30:00**	**60:00**			**90:00**

Analyse Drone Techniques for photography	15:00	25:00			40:00
Apply drone technology for capturing still images	15:00	35:00			50:00
MES/N0912-Handle digital image **NOS Version No. 1.0** **NSQF Level 4**	**20:00**	**40:00**			**60:00**
Setup digital workflow for optimising, selecting, editing images.	05:00	10:00			15:00
Implementation, use and maintenance of digitalcolour management procedures.	10:00	20:00			30:00
Add key metadata and Store images	05:00	10:00			15:00
MES/QN0107-Develop and maintain portfolio **NOS Version No. 1.0** **NSQF Level 4**	**20:00**	**60:00**			**80:00**
Create portfolio	10:00	35:00			45:00
Approach industry to avail Opportunities	10:00	25:00			35:00
MES/N0104-Maintain workplace health and safety **NOS Version No. 1.0** **NSQF Level 4**	**15:00**	**45:00**			**60:00**
Analyse the health, safety and security risks prevalent in the workplace	05:00	10:00			20:00
knowing the people responsible for health and safety and the resources available	02:00	10:00			12:00
identifying and reporting risks	03:00	10:00			13:00
complying with procedures in the event of an emergency	05:00	15:00			15:00
Total Duration	**130:00**	**270:00**	**50:00**		**450:00**

Module Details

Module 1: Use the photographic equipment, technology, and camera techniques

Mapped to *MES/N0909*

Terminal Outcomes:

- Identify the right photography camera
- Uses of photographic equipment, materials, techniques and resources

Duration: 15:00	Duration: 35:30
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:

- Select the right camera for photography.
- Explain and handle the camera menus and settings and manage as shutter speeds, aperture, white balance and focus.
- Explain lens types like Prime vs. zoom, wide angle, standard, telephoto, angle of view, covering power, focal length, format, Lens features, Changing lenses, Focal length.
- Describe the anatomy of a compact /DSLR / and mobile device camera
- Explain visual language eg. composition, scale, framing, contrast, colour, shape, line, texture
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- Select the right camera and capture photos and videos.
- Demonstrate how to handle the menus of the camera.
- Demonstrate the use of tripod.
- Demonstrate capturing of over the shoulder shot.
- Demonstrate the use of camera accessories eg. tripod, remote release, cable release, lens hood, filters digital (flash cards, hard drives), digital file formats (RAW, JPEG, TIFF) film (monochrome, colour, negative, transparency) film characteristics (speed, contrast, grain, resolution, colour balance, spectral sensitivity)
- Show how to use exposure measurement devices.
- Demonstrate how to use exposure.
- Show how to use lighting equipment like flash, continuous, fluorescent, reflectors, diffusers, screens, fill-in flash, motion blur, freezing movement, camera movements, panning, differential focus, depth of field etc.
- Show the use of different camera angles : High-angle shot, Low-angle shot, Eye-level shot, Bird's eye view, Canted shot, TiltShot, Three-quarter shot, Over-the- shoulder shot, etc. as per the requirement of the scene, shot,location, performers expression, etc.

Classroom Aids:
Laptop, white board, marker, projector

Tools, Equipment and Other Requirements

- **Sample digital cameras (mirrorless, point-and-shoot, bridge/superzoom)**
- **DSLR Cameras**
- **Prime Lenses / DSLR Lenses and external flash**
- **Tripod**
- **Speedlight**
- **External Harddrive**
- **Reflectors**
- **Polarizing filters**
- **Camera SD Card**
- **Computer**
- **Lighting /Studio lights (Continous (LED, Halogen and Tungsten) and strobe)**
- **Camera Body**
- **Canon EF 24-70mm f/2.8L II USM**
- **Camera Bag**
- **Camera Batteries**
- **Memory Card**
- **Memory Card Reader**
- **Adobe Creative Cloud**
- **Speedlight**
- **Reflector Panels**
- **Air Blower Cleaner**
- **Lens Pen**
- **Studio light modifiers (Umbrellas, Softbox, Grid, Gel, Diffuser)**
- **Digital camera accessories (flashgun, tripod, bag, memory cards, USB**
- **drive, USB reader, connecting cable, chargeable batteries, battery**
- **recharger)**
- **Camera cleaning kit**
- **Basic photo editing software (e.g. Adobe Lightroom)**
- **Adobe Photoshop software**
- **First Aid Box - Fire Extinguishers (water, powder and CO2), Personal**
- **protective equipment (Hard hat, Boots, Gloves, Apron)**
- **Projection facilities and equipmen**

Module 2: Produce still images
Mapped to MES/N0910

Terminal Outcomes:

- Produce still images relevant to publicizing / marketing / branding
- Capture different types of shots which are directly relevant to publicizing the film /event etc.

Duration: *25:00*	Duration: *35:30*
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:**
- Describe the capturing series of still images used. - Capture series of exploratory images used by visual effects department to establish look and feel reference. - Deliver character shots through which audience can develop an attachment to the story and/or character and/or the supporting characters.	- Produce a series of exploratory images which will be used during production, postproduction of the film by various departments. - Demonstrate how to capture a series of still images. - Produce still images for various occasions like wedding ceremony, film shoots, and other important events. - Produce still images to be used for Hair/Make up and Costume Continuity, Continuity by script supervisor, art department, cinematographer, Dance, Stunt and Direction department. - Create still images which are used for publicity by the production company, publicity designers, the distributors and the broadcasters. - Demonstrate creation of still images which are used for publicity in the Electronic Publicity Kit, as well as on web sites, in TV and festival guides, on posters, and as cover art for a whole range of film merchandising.
Classroom Aids:	

- **Sample digital cameras (mirrorless, point-and-shoot, bridge/superzoom)** ⬚
- **DSLR Cameras**
- **Prime Lenses / DSLR Lenses and external flash**
- **Tripod**
- **Speedlight**
- **External Harddrive**
- **Reflectors**
- **Polarizing filters**
- **Camera SD Card**
- **Computer**
- **Lighting /Studio lights (Continous (LED, Halogen and Tungsten) and strobe)**
- **Camera Body**
- **Canon EF 24-70mm f/2.8L II USM**
- **Camera Bag**
- **Camera Batteries**
- **Memory Card**
- **Memory Card Reader**
- **Adobe Creative Cloud**
- **Speedlight**
- **Reflector Panels**
- **Air Blower Cleaner**
- **Lens Pen**
- **Studio light modifiers (Umbrellas, Softbox, Grid, Gel, Diffuser)**
- **Digital camera accessories (flashgun, tripod, bag, memory cards, USB**
- **drive, USB reader, connecting cable, chargeable batteries, battery**
- **recharger)**
- **Camera cleaning kit**
- **Basic photo editing software (e.g. Adobe Lightroom)**
- **Adobe Photoshop software**
- **First Aid Box - Fire Extinguishers (water, powder and CO2), Personal**
- **protective equipment (Hard hat, Boots, Gloves, Apron)**
- ⬚ **Projection facilities and equipmen**

Tools, Equipment and Other Requirements
Camera

Module 3: Apply drone techniques for still photography
Mapped to MES/N0911

Terminal Outcomes:

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

Duration: *30:00*	**Duration**: *60:00*
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:**
• 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	• 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

- Sample digital cameras (mirrorless, point-and-shoot, bridge/superzoom) ▯
- DSLR Cameras
- Prime Lenses / DSLR Lenses and external flash
- Tripod
- Speedlight
- External Harddrive
- Reflectors
- Polarizing filters
- Camera SD Card
- Computer
- Lighting /Studio lights (Continous (LED, Halogen and Tungsten) and strobe)
- Camera Body
- Canon EF 24-70mm f/2.8L II USM
- Camera Bag
- Camera Batteries
- Memory Card
- Memory Card Reader
- Adobe Creative Cloud
- Speedlight
- Reflector Panels
- Air Blower Cleaner
- Lens Pen
- Studio light modifiers (Umbrellas, Softbox, Grid, Gel, Diffuser)
- Digital camera accessories (flashgun, tripod, bag, memory cards, USB
- drive, USB reader, connecting cable, chargeable batteries, battery
- recharger)
- Camera cleaning kit
- Basic photo editing software (e.g. Adobe Lightroom)
- Adobe Photoshop software
- First Aid Box - Fire Extinguishers (water, powder and CO2), Personal
- protective equipment (Hard hat, Boots, Gloves, Apron)

▯ Projection facilities and equipmen

Module 4: Handle digital images

Mapped to MES/N0912

Terminal Outcomes:

- Setup digital workflow for optimising, selecting, editing images.
- Implementation, use and maintenance of digital colour management procedures.
- Add key metadata and Store images

Duration: *20:00*	Duration: *40:30*
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:**
- Describe purpose of the software, its set-up, the compatibility of hardware components, the efficient setting-up and linking of hardware components, and the creation and use of automated procedures for optimizing the efficiency of software. - Explain different methods of image file management within both operating systems and software, and audience.	- Perform the image transfer from camera to the workstation and do therequired editing to produce quality image. - Demonstrate use of CGI - Show how to add key metadata including copyright and other crucial information such as picture number, caption and credit in image files.

• Transfer images from a camera to a digital workstation and do basiccorrections.
 	
• Relate between file size, bit depth and resolution.
 	
• Perform minor repairs to images and fix them for future use.
 	
• Explain different methods of image file management within both operating systems and software, and audience.
   • Evaluate the visual and aesthetic qualities of every image.
   • Describe how to implement, use and maintain digital colour management procedures to maintain colour accuracy from image capture to output.
   • Explain use of CGI and the creation of 3D imaging.
   • Demonstrate how to add key metadata including copyright and other crucial information such as picture number, caption and credit in image files.
   • Prepare image output and transmission of digital files.
   • Store and conserve images.	

Classroom Aids:

Laptop, white board, marker, projector

Tools, Equipment and Other Requirements

• **Sample digital cameras (mirrorless, point-and-shoot, bridge/superzoom)** ⬚
• **DSLR Cameras**
• **Prime Lenses / DSLR Lenses and external flash**
• **Tripod**
• **Speedlight**
• **External Harddrive**
• **Reflectors**
• **Polarizing filters**
• **Camera SD Card**
• **Computer**

- **Lighting /Studio lights (Continous (LED, Halogen and Tungsten) and strobe)**
- **Camera Body**
- **Canon EF 24-70mm f/2.8L II USM**
- **Camera Bag**
- **Camera Batteries**
- **Memory Card**
- **Memory Card Reader**
- **Adobe Creative Cloud**
- **Speedlight**
- **Reflector Panels**
- **Air Blower Cleaner**
- **Lens Pen**
- **Studio light modifiers (Umbrellas, Softbox, Grid, Gel, Diffuser)**
- **Digital camera accessories (flashgun, tripod, bag, memory cards, USB**
- **drive, USB reader, connecting cable, chargeable batteries, battery**
- **recharger)**
- **Camera cleaning kit**
- **Basic photo editing software (e.g. Adobe Lightroom)**
- **Adobe Photoshop software**
- **First Aid Box - Fire Extinguishers (water, powder and CO2), Personal**
- **protective equipment (Hard hat, Boots, Gloves, Apron)**

 ⮚ **Projection facilities and equipmen**

Module 5: Develop and maintain portfolio

Mapped to MES/QN0107

Terminal Outcomes:

- Create portfolio
- Approach industry to avail opportunities

Duration: *23:00*	Duration: *22:30*
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:**
• prepare portfolio, recording,show reel, etc., • Describe the use of social mediafor promotion.	• Select the best headshots andshowcase them. • Create portfolio which speaks toa range of audiences. • Connect with associations by becoming a member. • Make new clients and be punctual and presentable. • Prepare for presentation /screentest, voice test etc., wherever required during

audition/interviewing	
• Negotiate and close the contract.	

Classroom Aids:

Laptop, white board, marker, projector

Tools, Equipment and Other Requirements

- **Sample digital cameras (mirrorless, point-and-shoot, bridge/superzoom)** ⬚
- **DSLR Cameras**
- **Prime Lenses / DSLR Lenses and external flash**
- **Tripod**
- **Speedlight**
- **External Harddrive**
- **Reflectors**
- **Polarizing filters**
- **Camera SD Card**
- **Computer**
- **Lighting /Studio lights (Continous (LED, Halogen and Tungsten) and strobe)**
- **Camera Body**
- **Canon EF 24-70mm f/2.8L II USM**
- **Camera Bag**
- **Camera Batteries**
- **Memory Card**
- **Memory Card Reader**
- **Adobe Creative Cloud**
- **Speedlight**
- **Reflector Panels**
- **Air Blower Cleaner**
- **Lens Pen**
- **Studio light modifiers (Umbrellas, Softbox, Grid, Gel, Diffuser)**
- **Digital camera accessories (flashgun, tripod, bag, memory cards, USB**
- **drive, USB reader, connecting cable, chargeable batteries, battery**
- **recharger)**
- **Camera cleaning kit**
- **Basic photo editing software (e.g. Adobe Lightroom)**
- **Adobe Photoshop software**
- **First Aid Box - Fire Extinguishers (water, powder and CO2), Personal**
- **protective equipment (Hard hat, Boots, Gloves, Apron)**

Module 6: Maintain workplace health and safety

Mapped to MES/N0104

Terminal Outcomes:

- Explain the health, safety and security risks prevalent in the workplace
- Know the people responsible for health and safety and the resources available
- identify and report risks
- comply with procedures in the event of an emergency

Duration: *30:00*	Duration: *35:00*
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:**

• Comply with the organisation's current health, safety and securitypolicies and procedures • Recall the safe working practices pertaining to own occupation • Recall the government norms andpolicies relating to health and safety including emergency procedures for illness, accidents, fires or others which may involve evacuation of the premises • Participate in organization health and safety knowledge sessions anddrills • Ensure own personal health andsafety, and that of others in the workplace though precautionarymeasures	• 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. • Identify the people responsible for health and safety in the workplace,including those to contact in case of an emergency • Identify security signals e.g. fire alarms and places such as staircases, fire warden stations,first aid and medical rooms • Identify aspects of your workplacethat could cause potential risk to own and others health and safety • Identify and recommend opportunities for improving health,safety, and security to the designated person • Report any hazards outside the individual's authority to the relevant person in line with organisational procedures and warn other people who may beaffected • Follow organisation's emergency procedures for accidents, fires or any other natural calamity in caseof a hazard • Identify and correct risks like illness, accidents, fires or any othernatural calamity safely and within • the limits of individual's authority.

Classroom Aids:

Laptop, white board, marker, projector

Tools, Equipment and Other Requirements

Health and Safety Signs and policy

Mandatory Duration: *50:00*	Recommended Duration: *00:00*

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 :

- Produce still Images

- Handle digital image

- Apply drone techniques for still photography

- 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*	
ITI **from any other polytechnic/ reputed institute in the core subject**	**Relevant trade**	**3**	**Photography**	**NA**		
OR						
Diploma **from any other polytechnic/ reputed institute in the core subject**	**Photography**	**3**	**Photography**	**NA**		

Trainer Certification	
Domain Certification	**Platform Certification**
Certified for Job Role: "Still Photographer" mapped to QP: "MES/Q0904", 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	Photography	5	Photography	NA	_	_
OR						
Diploma/ ITI	Offset printing	4	Photography	NA	-	-

Assessor Certification	
Domain Certification	**Platform Certification**
Certified for Job Role: "Still Photographer" mapped to QP: "MES/Q0904", version 1.0. Minimum accepted score as per SSC guidelines is 80%.	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%.

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.