< Logo>

<GOI, MSDE Logo after NSQC

QP Name: Drone Film Making (WorldSkills)

QP Code: MES/Q0908

QP Version: 1.0

NSQF Level: 4.5

Model Curriculum Version: 1.0

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

Table of Contents

Table of Contents

Traini
ng Parameters

Sector	**Media and Entertainment**
Sub-Sector	**Film, Television, Digital, Advertising**
Occupation	**Film Production**
Country	**India**
NSQF Level	**4.5**
Aligned to NCO/ISCO/ISIC Code	NCO 2015/7321.1200
Minimum Educational Qualification and Experience	"12th grade Pass OR 2nd Year of Graduation in related field OR 12th Pass with 4 Years Experience in photography or related field
Pre-Requisite License or Training	**NA**
Maximum years in the year of the Competition	**Maximum 30 Years**
Last Reviewed On	
Next Review Date	07/02/2026
NSQC Approval Date	08/02/2024
QP Version	1.0
Model Curriculum Creation Date	**08/02/2024**
Model Curriculum Valid Up to Date	08/02/2026
Model Curriculum Version	1.0
Minimum Duration of the Course	510 Hours
Maximum Duration of the Course	510 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.

- Aerial Cinematography
- Equipment Management
- Flight Planning
- Collaboration with
- Film Crew
- Technical Expertise

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/N0926- Aerial Cinematography	45:00	75:00			120:00
MES/N0927- Equipment Management	30:00	60:00			90:00
MES/N0928- Flight Planning	30:00	60:00			90:00
MES/N0929- Collaboration with Film Crew	30:00	60:00			90:00
MES/N0930- Technical Expertise	45:00	75:00			120:00
Total	180:00	330:00			510:00

Module Details

Module 1: Aerial Cinematography

Terminal Outcomes: After the successful completion of this module, the Participant will be able to:

- Identify the pre-production activities
- Perform the activities planned

Duration: *45:00*	**Duration**: *75:00*
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 :**
● Aerial cinematographers are responsible for the maintenance and management of drone equipment, ensuring optimal functionality and safety during operations ● Aerial cinematography adds a visually captivating element to films, making them more engaging and memorable for audiences ● The use of drones allows for storytelling possibilities that go beyond traditional cinematography, offering new ways to capture landscapes, action sequences,and dynamic scenes ● Aerial cinematography contributes to the innovation of filmmaking, allowing directors and cinematographers to explore creative and impactful ways to tell their stories ● The technique enables the capture of dynamic shots such as sweeping panoramas, tracking shots, and immersive aerial views, creating a cinematic experience ● Aerial cinematographers are responsible for the maintenance and management of drone equipment, ensuring optimal functionality and safety during operations ● Aerial cinematography adds a visually captivating element to films, making them more engaging and memorable for audiences ● The use of drones allows for storytelling possibilities that go beyond traditional cinematography, offering new ways to capture landscapes, action sequences,and dynamic scenes ● Aerial cinematography contributes to the	

innovation of filmmaking, allowing directors and cinematographers to explore creative and impactful ways to tell their stories ● The technique enables the capture of dynamic shots such as sweeping panoramas, tracking shots, and immersive aerial views, creating a cinematic experience	
Classroom Aids:	
Laptop, whiteboard, marker, projector	
Tools, Equipment and Other Requirements	
Drone	

Module 2: Equipment Management

Terminal Outcomes: After the successful completion of this module, the Participant will be able to:

- Demonstrate skills to capture videos and images.
- Conduct review of 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 :**
• Inspection and Maintenance • Regularly inspect drones to identify any wear, damage, or malfunctions • Conduct routine maintenance to ensure drones are in optimal working condition. • Stay informed about the latest firmware updates and implement upgrades to enhance drone performance. • Evaluate new technologies and features that could improve aerial cinematography capabilities • Monitor and manage drone batteries, ensuring they are fully charged and capable of supporting the required flight duration • Implement proper battery storage practices to prolong their lifespan • Calibrate sensors and systems to ensure accurate navigation, stability, and precise control during flights	
Classroom Aids:	
Laptop, whiteboard, marker, projector	
Tools, Equipment and Other Requirements	
Drone	

Module 3: Flight Planning

Terminal Outcomes: After the successful completion of this module, the Participant will be able to:

- Demonstrate skills required in editing the footage.
- Create the final structure of the work.

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 :**
● Evaluate potential filming locations for suitability and visual appeal ● Consider factors such as landscapes, structures, and lighting conditions. ● Check and comply with local regulations and airspace restrictions for the selected filming locations. ● Obtain necessary permits and permissions for aerial operations.	
Classroom Aids:	
Laptop, whiteboard, marker, projector	
Tools, Equipment and Other Requirements	

Module 4: **Collaboration with Film Crew**

Terminal Outcomes: After the successful completion of this module, the Participant will be able to:

- Discuss the health, safety and security risks prevalent in the workplace and report health and safety issues to the person responsible for health and safety and the resources available.
- Comply with procedures in the event of an emergency
- Discuss the various safety precautions to be taken.

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:**
● Engage in discussions with the director and cinematographer to understand the overall vision and goals of the film ● Clarify specific requirements for aerial shots and how they contribute to the storytelling ● Provide creative input on how aerial shots can enhance key scenes and sequences ● Collaborate on shot composition, angles, and timing to seamlessly integrate aerial footage into the film. ● Work with the film crew to incorporate aerial sequences into storyboards • Ensure alignment between aerial shots and the narrative flow of the film ● Attend pre-production meetings to discuss the overall shooting schedule and specific requirements for aerial cinematography ● Collaborate on the timing and coordination of aerial shots with ground-based sequences ● Be responsive to feedback from the film crew during filming	
Classroom Aids:	
Laptop, whiteboard, marker, projector, Health and Safety Signs and policy	
Tools, Equipment and Other Requirements	

Module 5: **Technical Expertise**

Terminal Outcomes: After the successful completion of this module, the Participant will be able to:

- Discuss the health, safety and security risks prevalent in the workplace and report health and safety issues to the person responsible for health and safety and the resources available.
- Comply with procedures in the event of an emergency
- Discuss the various safety precautions to be taken.

Duration: *45:00*	**Duration**: *75:00*
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:**
● Proficiently operate drones, including precise control of altitude, speed, and direction ● Navigate drones in various environments, adapting to different terrains and conditions. ● Set up and configure camera parameters, including resolution, frame rate, and exposure settings ● Operate recording devices to capture high-quality footage in diverse shooting conditions. ● possess knowledge of emergency procedures and safety measures during drone operations ● Conduct risk assessments and make real-time decisions to ensure the safety of crew members and equipment.	
Classroom Aids:	
Laptop, whiteboard, marker, projector, Health and Safety Signs and policy	
Tools, Equipment and Other Requirements	

Annexure

Trainer Requirements

1.	**Trainer's Qualification and experience in the relevant sector (in years)** *(as per NCVET guidelines)*	**Graduate in related field with 5 years of experience in Photography or film making with 1 Year experience in training/teaching.** **Post- Graduate in related field with 3 years of experience in Photography or film making with 1 Year experience in training/teaching.**
2.	**Master Trainer's Qualification and experience in the relevant sector (in years)** *(as per NCVET guidelines)*	**Post- Graduate in related field with 5 years of experience in Photography or film making with 2 Year experience in training/teaching.**

Assessment Related

1.	**Assessor's Qualification and experience in relevant sector (in years)** *(as per NCVET guidelines)*	**Post- Graduate in related field with 10 years of experience in Photography or film making.**
2.	**Proctor's Qualification and experience in relevant sector (in years)** *(as per NCVET guidelines)*	**Graduate in related field with 5 years of experience in Photography or film making.**
3.	**Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years)** *(as per NCVET guidelines)*	**Post- Graduate in related field with 10 years of experience in Photography or film making.**
4.	**Assessment Mode** *(Specify the assessment mode)*	**Blended**

Assessment Strategy

Annexure: Assessment Strategy

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

Mention the detailed assessment strategy in the provided template.

1. Assessment System Overview:
    - Batches assigned to the assessment agencies for conducting the assessment on SDMS/SIP or email
    - Assessment agencies send the assessment confirmation to VTP/TC looping SSC
    - Assessment agency deploys the ToA certified Assessor for executing the assessment
    - SSC monitors the assessment process & records

2. Testing Environment:
    - Confirm that the centre is available at the same address as mentioned on SDMS or SIP
    - Check the duration of the training.
    - Check the Assessment Start and End time to be as 10 a.m. and 5 p.m.
    - If the batch size is more than 30, then there should be 2 Assessors.
    - Check that the allotted time to the candidates to complete Theory & Practical Assessment is correct.
    - Check the mode of assessment—Online (TAB/Computer) or Offline (OMR/PP).
    - Confirm the number of TABs on the ground are correct to execute the Assessment smoothly.
    - Check the availability of the Lab Equipment for the particular Job Role.

3. Assessment Quality Assurance levels / Framework:
    - Question papers created by the Subject Matter Experts (SME)
    - Question papers created by the SME verified by the other subject Matter Experts
    - Questions are mapped with NOS and PC
    - Question papers are prepared considering that level 1 to 3 is for the unskilled & semi-skilled individuals, and level 4 and above are for the skilled, supervisor & higher management.
    - Assessor must be ToA certified & trainer must be ToT Certified
    - Assessment agency must follow the assessment guidelines to conduct the assessment.

4. Types of evidence or evidence-gathering protocol:
    - Time-stamped & geotagged reporting of the assessor from assessment location
    - Centre photographs with signboards and scheme specific branding
    - Biometric or manual attendance sheet (stamped by TP) of the trainees during the training period
    - Time-stamped & geotagged assessment (Theory + Viva + Practical) photographs & videos

5. Method of verification or validation:
    - Surprise visit to the assessment location
    - Random audit of the batch
    - Random audit of any candidate

6. Method for assessment documentation, archiving, and access
    - Hard copies of the documents are stored
    - Soft copies of the documents & photographs of the assessment are uploaded / accessed from Cloud Storage
- Soft copies of the documents & photographs of the assessment are stored in the Hard Drives