Model Curriculum

VFX Editor

SECTOR:	**MEDIA AND ENTERTAINMENT**
SUB-SECTOR:	**Television, Print, Radio, Digital, Out-of-home**
OCCUPATION:	**VFX Editor**
REF ID:	**MES/ Q 3501**
NSQF LEVEL:	**4**

Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

Media and Entertainment Skill Council

for

MODEL CURRICULUM

Complying to National Occupational Standards of
Job Role/ Qualification Pack: **'VFX Editor'** QP Ref. No. **'MES/Q3501, NSQF Level 4'**

Date of Issuance: 27th January 2022

Valid up to: 25th January 2027

* Valid up to the next review date of the Qualification Pack

Authorized Signatory
Media and Entertainment Skill Council

TABLE OF CONTENTS

VFX Editor

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a "VFX Editor", in the "Media and Entertainment" Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	VFX Editor		
Qualification Pack Name & Reference ID. ID	MES/ Q 3501		
Version No.	2.0	**Version Update Date**	27-Jan-22
Pre-requisites to Training	• Class XII with one year of relevant experience OR • ITI (2 years after 10th) with one year of relevant experience • Min Age: 18 Year		
Training Outcomes	**After completing this programme, participants will be able to:** • Analyse requirements for post-production • Planning the process for post-production. Key processes include computer generated effects, colour grading, digital intermediate, screen conversion, rendering, rotoscopy, keying, match-moving, compositing Preparing and finalising effort estimates and work plan in accordance to requirements • Preparing materials and equipment for the post production process • Managing interim work-products during post-production • Ensuring work-products are distribution/exhibition ready as per the required technical specifications • Conceptualising effects that can be created for productions including Feature films, Television series, Documentaries, Advertisements, Animated Films, Short Films • Creating realistic effects through the use of software • 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		

This course encompasses <u>4</u> out of <u>4</u> National Occupational Standards (NOS) of "<u>VFX Editor</u>" Qualification Pack issued by "Media & Entertainment <u>Skills Council</u>".

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	**Understand requirements and plan workflow** **Theory Duration** (hh:mm) 30:00 **Practical Duration** (hh:mm) 90:00 **Corresponding NOS Code** MES /N 3501	• Analyse the creative and technical requirements and expectations in terms of quality of deliverables and timelines • Determine key post-production processes that would be involved to produce the desired outcome and chart-out the process workflow (Supervisor) • Translate expectations into effort estimates for each process and prepare a work plan, keeping in mind the impact on the production budget, timelines and technical viability (Supervisor)	Laptop, white board, marker, projector, After Effects, Final Cut Pro and Blender.
2	**Manage equipment & material** **Theory Duration** (hh:mm) 30:00 **Practical Duration** (hh:mm) 90:00 **Corresponding NOS Code** MES /N 3502	• Gather raw footage/material and select relevant material that can be used for post-production • Ingest the footage/keep the material ready for the post-production process • Save back-ups for interim work-products in the appropriate file formats • Ensure final work-products are prepared in appropriate file formats (such as mp4, avi, wmv, mpg and mov) and appropriate medium (such as DVD, film, tape and digital) compatible with intended distribution/exhibition mediums • Clear logs/data and keep the software and equipment ready for future use	Laptop, white board, marker, projector, After Effects, Final Cut Pro and Blender.
3	**Create visual effects during post production** **Theory Duration** (hh:mm) 30:00 **Practical Duration** (hh:mm) 60:00 **Corresponding NOS Code**	• Determine requirements for visual effects from the script and provide instructions to the production team on how footage should be shot to ensure that the desired effects can be created (Supervisor). (Sometimes this may require them to be present on set) • Assess shoot footage to determine capability to generate effects • Visualise the story and conceptualise effects that would enhance, rectify or complete the production • Identify and finalise the techniques that could be	**Laptop, white board, marker, projector, After Effects, Final Cut Pro and Blender.**

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	MES /N 3503	used to create the desired effect • Generate the required effects that conform to requirements and quality standards • PC6. Ensure continuity in the final output	
5	**Maintain Workplace, Health & Safety** **Theory Duration** (hh:mm) 15:00 **Practical Duration** (hh:mm) 15:00 **Corresponding NOS Code** MES/N 0104	• Understand and comply with the organisation's current health, safety and security policies and procedures. • Understand the safe working practices pertaining to own occupation. • Understand the government norms and policies 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 and drills • 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 workplace that 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 organizational procedures and warn other people who may be affected • Identify and correct risks like illness, accidents, fires or any other natural calamity safely and within the limits of individual's authority.	**Handbook, White board, marker, computer system, projector, PPTs**

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	Employability skills **Theory Duration** (hh:mm) 15:00 **Practical Duration** (hh:mm) 15:00 **Corresponding NOS Code** *Mapped to DGT/VSQ/N0101*		
	Total Duration **450:00** **Theory Duration** **105:00** **Practical Duration** **255:00** **OJT** **60:00** **Employability Skills** **30:00**	**Unique Equipment Required:** Laptop, PowerPoint & white board, marker, projector, Laptop, Sample pictures and videos, Cleaning tools, electricity tester, safety and ergonomics chart, Fire Extinguisher, First-Aid Kit	

Grand Total Course Duration: **450 Hours, 0 Minutes**

*(This syllabus/ curriculum has been approved by **Media and Entertainment Skill Council)***

Trainer Prerequisites for Job role: "VFX Editor" mapped to Qualification Pack: "MES/ Q 3501, v2.0"

Sr. No.	Area	Details
1	**Description**	VFX Editor in the Media & Entertainment Industry is also known as a VFX Artist/ Visual Effects Editor. This job need to create illusionary elements/images/segments for production
2	**Personal Attributes**	This job requires the individual to have a good understanding of the techniques for creating computer-generated effects and for rectifying production. The individual must be aware of the principles of filmmaking, cinematography and photography. The individual must be able to define how footage needs to be shot to ensure that the desired effects can be incorporated. The individual must be able to assess if the footage is suitable, and create effects using digital software such as After Effects, Final Cut Pro and Blender.
3	**Minimum Educational Qualifications**	Class XII
4a	**Domain Certification**	Certified for Job Role: "VFX Editor" mapped to QP: "MES/ Q 3501, v1.0". Minimum accepted score is 70%
4b	**Platform Certification**	Recommended that the Trainer is certified for the Job Role: "Trainer", mapped to the Qualification Pack: "MES/Q 3501". Minimum accepted % as per respective SSC guidelines is 60%.
5	**Experience**	3 Years of work experience

Annexure: Assessment Criteria

Assessment Criteria	
Job Role	VFX Editor
Qualification Pack	MES/ Q 3501, v1.0
Sector Skill Council	Media & Entertainment

Sr. No.	Guidelines for Assessment
1	Criteria for assessment for each Qualification Pack will be created by the Media and Entertainment Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for each PC.
2	Each NOS will be assessed both for theoretical knowledge and practical
3	The assessment will be based on knowledge bank of questions created by the SSC.
4	Individual assessment agencies will create unique question papers for theory and skill practical part for each candidate at each examination/training centre
5	To pass the Qualification Pack, every trainee should score a minimum of 60% in every NOS
6	In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack

	NOS	NOS NAME	Weightage
1	MES / N 3501	Understand requirements and plan workflow	25%
2	MES/ N 3502	Manage equipment & material	25%
3	MES/ N 3503	Create visual effects during post production	25%
4	MES / N 0104	Maintain workplace health and safety	15%
5	DGT/VSQ/N0101	Employability Skills	10%
			100%

Job Role	**VFX Editor**					
NOS CODE	NOS NAME	Performance Criteria			**Marks Allocation**	
			Total Mark	Out Of	Theory	Skills Practical
MES/ N 3501	**Understand requirements and plan workflow**	PC1. Understand the creative and technical requirements and expectations in terms of quality of deliverables and timelines	100	30	15	50
		PC2. Determine key post-production processes that would be involved to produce the desired outcome and chart-out the process workflow (Supervisor)		30	15	
		PC3. Translate expectations into effort estimates for each process and prepare a work plan, keeping in mind the impact on the production budget, timelines and technical viability (Supervisor)		40	20	
			Total	**100**	**50**	**50**
MES/ N 3502	**Manage equipment & material**	PC1. Gather raw footage/material and select relevant material that can be used for post-production	100	20	10	50
		PC2. Ingest the footage/keep the material ready for the post-production process		20	10	
		PC3. Save back-ups for interim work-products in the appropriate file formats		20	10	
		PC4. Ensure final work-products are prepared in appropriate file formats (such as mp4, avi, wmv, mpg		20	10	

		and mov) and appropriate medium (such as DVD, film, tape and digital) compatible with intended distribution / exhibition mediums				
		PC5. Clear logs/data and keep the software and equipment ready for future use		20	10	
			Total	100	50	50
MES/ N 3503	Create visual effects during post production	PC1. Determine requirements for visual effects from the script and provide instructions to the production team on how footage should be shot to ensure that the desired effects can be created (Supervisor). (Sometimes this may require them to be present on set)	100	10	5	50
		PC2. Assess shoot footage to determine capability to generate effects		20	10	
		PC3. Visualise the story and conceptualise effects that would enhance, rectify or complete the production		20	10	
		PC4. Identify and finalise the techniques that could be used to create the desired effect		20	10	
		PC5. Generate the required effects that conform to requirements and quality standards		10	5	
		PC6. Ensure continuity in the final output		20	10	
			Total	100	50	50

MES/ N 0104	Maintain workplace health and safety Description	PC1. Understand and comply with the organization's current health, safety and security policies and procedures	100	10	5	50
		PC2. Understand the safe working practices pertaining to own occupation		10	5	
		PC3. Understand the government norms and policies relating to health and safety including emergency procedures for illness, accidents, fires or others which may involve evacuation of the premises		5	3	
		PC4. Participate in organization health and safety knowledge sessions and drills		5	2	
		PC5. Identify the people responsible for health and safety in the workplace, including those to contact in case of an emergency		10	5	
		PC6. Identify security signals e.g. fire alarms and places such as staircases, fire warden stations, first aid and medical rooms		10	5	
		PC7. Identify aspects of your workplace that could cause potential risk to own and others health and safety		10	5	
		PC8. Ensure own personal health and safety, and that of others in the workplace though precautionary measures		10	5	
		PC9. Identify and recommend opportunities for improving health, safety, and security to the designated person		5	3	

		PC10. Report any hazards outside the individual's authority to the relevant person in line with organizational procedures and warn other people who may be affected			10	5	
		PC11. Follow organization's emergency procedures for accidents, fires or any other natural calamity in case of a hazard			10	5	
		PC12. Identify and correct risks like illness, accidents, fires or any other natural calamity safely and within the limits of individual's authority			5	2	
			Total	100	50	50	