

Model Curriculum

Music Producer

SECTOR	:	Media and Entertainment
SUB-SECTOR	:	Film, Television, Music, Radio, Animation, Gaming, Advertising
OCCUPATION	:	Music Production
REF ID	:	MES/Q1502, V1.0
NSQF LEVEL	:	6



Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK - NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

Media and Entertainment Skill Council

for the

MODEL CURRICULUM

Complying to National Occupational Standards of

Job Role/ Qualification Pack: **Music Producer**

QP Ref. No. **MES/Q1502 NSQF Level 6**

Date of Issuance: March 11, 2019

Valid up to: March 10, 2022

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



Authorized Signatory
Media and Entertainment Skill Council

TABLE OF CONTENTS

1. Curriculum	01
2. Trainer Prerequisites	07
3. Annexure: Assessment Criteria	08

Music Producer

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Music Producer”, in the “Media and Entertainment” Sector/Industry and aims at building the following key competencies amongst the learner.

Program Name	Music Producer		
Qualification Pack Name & Reference ID.	MES/Q 1502, V1.0		
Version No.	1.0	Version Update Date	11 th March 2019
Pre-requisites to Training	Class XII or Certified Music Programmer (NSQF Level 5)		
Training Outcomes	<p>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none"> • Notate music using standard conventions • Prepare professional music scores to program and record music • Arrange music compositions in any specific style • Arrange music using various types of instruments • Use music software and hardware to arrange music • Plan and manage the music production process • Produce music using computer software and hardware • Record, mix and master music • Maintain workplace health and safety 		

This course encompasses 4 out of 4 National Occupational Standards (NOS) of “Music Producer” Qualification Pack issued by “Media and Entertainment Skills Council”.

S.No	Module	Key Learning Outcomes	Equipment
1	<p>Introduction and orientation</p> <p>Theory Duration (hh:mm) 10:00</p> <p>Practical Duration (hh:mm) 05:00</p> <p>Corresponding NOS Code Bridge Module</p>	<ul style="list-style-type: none"> Recognise professional roles and functions in music production. Familiarise with commonly used tools and technologies for music production. Identify the different steps involved in music production workflow for different purposes (e.g. film, ads, music for artists, new media, etc.) Identify the global trends in professional music production and consumption. Discuss professional and transferable skills required to function in the industry 	White board, marker, computer, internet access, projector
2	<p>Notate music using standard conventions</p> <p>Theory Duration (hh:mm) 20:00</p> <p>Practical Duration (hh:mm) 40:00</p> <p>Corresponding NOS Code MES/N1505</p>	<ul style="list-style-type: none"> Notate music using the correct clef/symbol for each instrument. Indicate key signature, meter, tempo and rhythm clearly on music scores. Write chords and notes accurately while notating music. Indicate phrasing, dynamics, articulation and lyrics (where applicable) on music scores to guide music programmers and performers. Indicate bowing, pizzicato, arco, palm mute, slide, breath marks, etc. while notating music for strings, brass and woodwinds. Prepare score templates for various music production scenarios (rhythm section, orchestra, vocal arrangements, etc.) 	Computer System, DAW software (Logic, Cubase, etc.), music notation software, audio & MIDI interface, MIDI controller, headphones or monitor speakers, white board, marker, projector.
3	<p>Prepare professional music scores to program and record music</p> <p>Theory Duration (hh:mm) 25:00</p> <p>Practical Duration (hh:mm) 60:00</p> <p>Corresponding NOS Code MES/N1505</p>	<ul style="list-style-type: none"> Notate transcribed music arrangements (melody, harmony & rhythm) to document the performance accurately. Notate the music for every instrument/voice used in an arrangement on a master score that conforms to standard practice (e.g. orchestra, big band, choir, etc.) Optimise the master score layout for ease of music programming or conducting musicians during the recording. Determine the individual instrument/voice notation parts of the arrangement required to complete recordings efficiently. Extract the necessary instrument/voice notation parts of the arrangement from the master score to guide individual musicians during recording. 	Computer System, DAW software (Logic, Cubase, etc.), music notation software, audio & MIDI interface, MIDI controller, headphones or monitor speakers, white board, marker, projector.

		<ul style="list-style-type: none"> Deliver correctly transposed music scores to brass and woodwind players during recording. Verify music scores prepared for recording to ensure that they are free of errors, do not have repetitions, have correct pagination and contains the required performance markings. Export completed music scores in suitable file formats from music notation software and Digital Audio Workstations (DAW) Import scores to music notation software and Digital Audio Workstations (DAW) for editing and programming. 	
4	<p>Arrange music compositions in any specific style</p> <p>Theory Duration (hh:mm) 25:00</p> <p>Practical Duration (hh:mm) 50:00</p> <p>Corresponding NOS Code MES/N1506</p>	<ul style="list-style-type: none"> Use distinctive instrumentation, rhythm and sounds to arrange compositions in a chosen style. Incorporate cultural influences in music arrangements through distinctive use of instrumentation and performance styles. Incorporate historical (period) elements in music arrangements through distinctive use of instrumentation and performance styles. Arrange vocal compositions in the most appropriate key (pitch) for the chosen singers and intended mood and style of the music. Compose harmonic arrangements for a given melody using appropriate instruments. Compose original melodies according to a specified chord progression. Compose distinctive sections for a song (intro, verse, chorus, reprise, etc.) to give it a form that is representative of the chosen style. 	Computer System, DAW software (Logic, Cubase, etc.), music notation software, audio & MIDI interface, MIDI controller, headphones or monitor speakers, white board, marker, projector.
5	<p>Arrange music using various types of instruments</p> <p>Theory Duration (hh:mm) 25:00</p> <p>Practical Duration (hh:mm) 50:00</p> <p>Corresponding NOS Code MES/N1506</p>	<ul style="list-style-type: none"> Arrange music for drums, percussions and other rhythmic instruments, including ethnic instruments. Use electronic music samples, loops and synthesized sounds in arrangements. Arrange music for piano and keyboards adhering to their useable range and performance techniques. Arrange music for guitar (acoustic & electric) adhering to their useable range and performance techniques. Arrange music for bass guitar and double bass adhering to their useable range and performance techniques. Arrange music for string section adhering to their useable range and performance techniques. Arrange music for woodwinds adhering to their useable range and performance techniques. 	Computer System, DAW software (Logic, Cubase, etc.), music notation software, audio & MIDI interface, MIDI controller, headphones or monitor speakers, white board, marker, projector.

		<ul style="list-style-type: none"> Arrange music for brass instruments adhering to their useable range and performance techniques. 	
6	<p>Use music software and hardware to arrange music</p> <p>Theory Duration (hh:mm) 10:00</p> <p>Practical Duration (hh:mm) 40:00</p> <p>Corresponding NOS Code MES/N1506</p>	<ul style="list-style-type: none"> Use MIDI controllers to compose and arrange music in a compatible music software Arrange music using the MIDI and virtual instrument features of a Digital Audio Workstation (DAW). Prepare simulations of music arrangements involving acoustic/live instruments on a Digital Audio Workstation (DAW) using software instruments, samplers and synthesizers. Extract MIDI files from arrangements created on a Digital Audio Workstation (DAW) Extract music scores from arrangements created on a Digital Audio Workstation (DAW) 	<p>Computer System, DAW software (Logic, Cubase, etc.), music notation software, audio & MIDI interface, MIDI controller, headphones or monitor speakers, white board, marker, projector.</p>
7	<p>Plan and manage the music production process</p> <p>Theory Duration (hh:mm) 10:00</p> <p>Practical Duration (hh:mm) 20:00</p> <p>Corresponding NOS Code MES/N1507</p>	<ul style="list-style-type: none"> Select suitable music programmers and assign tasks to meet the production requirements Select and prepare suitable musicians for recording music according to the production requirements. Select sound engineers to meet the production requirements. Schedule music programming to complete all deliverables within agreed deadlines Schedule music recording, mixing and mastering sessions to complete all deliverables within agreed deadlines Use a clear mechanism to track the progress of the different stages of music production. 	<p>White board, marker, computer, internet access, projector</p>
8	<p>Produce music using computer software and hardware</p> <p>Theory Duration (hh:mm) 25:00</p> <p>Practical Duration (hh:mm) 70:00</p> <p>Corresponding NOS Code MES/N1507</p>	<ul style="list-style-type: none"> Choose appropriate synthesis techniques to produce music according to the genre and stylistic needs. Choose appropriate sampling techniques to produce music according to the genre and stylistic needs. Determine the suitability of electronically programmed sounds. Determine whether electronically programmed music has all the intended performance attributes specified in the arrangement. Apply equalisation (EQ) to shape electronically programmed sounds according to needs. Apply time based processing (reverb, delay, etc.) techniques enhance electronically programmed music. 	<p>Computer System, DAW software (Logic, Cubase, Pro Tools, etc.), sampler and synthesiser software, audio & MIDI interface, MIDI controller, headphones or monitor speakers, white board, marker, projector.</p>

		<ul style="list-style-type: none"> Apply modulation processing (chorus, flange, etc.) techniques enhance electronically programmed music. Apply dynamic processing (compression, gate, etc.) techniques enhance electronically programmed music. 	
9	<p>Record, mix and master music</p> <p>Theory Duration (hh:mm) 25:00</p> <p>Practical Duration (hh:mm) 70:00</p> <p>Corresponding NOS Code MES/N1507</p>	<ul style="list-style-type: none"> Operate the recording/mixing console to record, route and mix music. Use multitrack recording system to record music in a studio. Apply suitable microphone techniques to record acoustic instruments according to the production requirements. Record electronic instruments and voices according to the stylistic requirements of music. Guide musicians to record the best possible performance of the music arrangement. Determine the volume balance between the various instruments and voices in recordings during mixing. Determine the suitability of tonal (timbre) characteristics of instruments and voices in recordings during mixing. Assess the overall quality of the music mix using clearly established criteria. Present mastered mixes to clients for review. 	<p>Computer System, DAW software (Logic, Cubase, Pro Tools, etc.), Microphones, DI boxes and other audio recording accessories, recording console or DAW controller, recording studio space, headphones or monitor speakers, white board, marker, projector.</p>
10	<p>Maintain workplace health and safety</p> <p>Theory Duration (hh:mm) 10:00</p> <p>Practical Duration (hh:mm) 10:00</p> <p>Corresponding NOS Code MES/N0104</p>	<ul style="list-style-type: none"> Maintain one's posture and position to minimize fatigue and the risk of injury. Maintain first aid kit and keep oneself updated on the first aid procedures Identify and document potential risks like sitting postures while using computer, eye fatigues and other hazards in the workplace. Maintain accident reports. Report health and safety risks/ hazards to concerned personnel. 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. Confirm own personal health and safety, and that 	<p>White board, marker, computer, internet access, projector</p>

		<p>of others in the workplace though precautionary measures.</p> <ul style="list-style-type: none"> 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 be affected. Follow organisation's emergency procedures for accidents, fires or any other natural calamity in case of a hazard. Identify and correct risks like illness, accidents, fires or any other natural calamity safely and within the limits of individual's authority. 	
	<p>Total Duration 600:00</p> <p>Theory Duration 185:00</p> <p>Practical Duration 415:00</p>	<p>Unique Equipment Required:</p> <p>Computer System, DAW software (Logic, Cubase, Pro Tools, etc.), Music notation software (e.g. Finale, Sibelius, etc.), Sampler and synthesiser software, Audio & MIDI interface, MIDI controller, Microphones, DI boxes and other audio recording accessories, Recording console or DAW controller, Recording studio space, Headphones or monitor speakers, white board, marker, projector.</p>	

Grand Total Course Duration: **600 Hours 0 Minutes**

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

Trainer Pre-requisites for Job role: “Music Producer” mapped to the Qualification Pack: “MES/Q1502, version 1.0”

Sr. No.	Area	Details
1	Job Description	To deliver accredited training service, mapped to the curriculum detailed above, in accordance with Qualification Pack “MES/Q1502”
2	Personal Attributes	<p>The candidate should have a caring attitude and must be committed to mentor the development of professional skills among students to ensure competent, employable candidates at the end of the training.</p> <p>The individual in this role must be able to communicate fluently in English and the local/regional language. The person must be creative, with a high degree of responsibility, and must uphold a positive attitude. Those in this role should be open-minded, willing to accept students with a wide range of behavioral attributes and learning aptitudes, and comfortable taking advice from unexpected sources.</p> <p>The ideal trainer should also maintain a consistent appetite for continuous self-improvement and drive for professional development and industry engagement through professional work.</p>
3	Minimum Educational Qualifications	Advanced Diploma (Vocational) / NSQF Level 6 Certificate or above. Advanced DAW User / Trainer Certificate (Logic, Cubase, etc.) (Suggested)
4a	Domain Certification	Certified for Job Role: “ <u>Music Producer</u> ” mapped to QP: “MES/Q1502”, version 1.0. Minimum accepted score as per SSC guidelines is 70%.
4b	Platform Certification	Recommended that the Trainer is certified for the Job Role: “ <u>Trainer</u> ”, mapped to the Qualification Pack: “ <u>MEP/Q2601</u> ” with scoring of minimum 80%.
5	Experience	The trainer must have sufficient professional experience (2-3 years recommended) in arranging and producing music for professional purposes, preferably in a supervisory role. The candidate must also be well versed with occupational health and safety regulations, policies and practices.

Annexure: Assessment Criteria

Assessment Criteria	
Job Role	Music Producer
Qualification Pack	MES/Q1502, version 1.0
Sector Skill Council	Media and Entertainment Skills Council

Guidelines for Assessment

1. Criteria for assessment for each Qualification Pack will be created by the Sector 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 Theory and Skills Practical for each PC.
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion.
6. To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully clear the assessment.
7. In case of *unsuccessful completion*, the trainee may seek reassessment on the Qualification Pack.

Compulsory NOS			Marks Allocation		
Total Marks: 400					
Assessment Outcome	Assessment Criteria for outcomes	Total Mark	Out Of	Theory	Practical Skills
MES/N1505 (Notate and prepare music scores)	PC1. transcribe music arrangements (melody, harmony & rhythm) using standard music notation.	100	10	4	6
	PC2. choose appropriate music clef to notate each instrument.		10	4	6
	PC3. notate the different musical parameters for every instrument (key signature, meter, tempo, rhythm, chords and notes) accurately.		10	4	6
	PC4. notate the required playing techniques (dynamics, bowing, pizzicato, arco, palm mute, slide, breath marks, etc.) for each instrument on		10	4	6

	the score.				
	PC5. transpose the music score correctly while arranging for instruments requiring transposition (trumpet in bb, horn in f, clarinet in a etc.)		10	4	6
	PC6. design music score templates using music notation software.		10	4	6
	PC7. prepare master scores showing all instruments and voices used in the music arrangement.		10	4	6
	PC8. supervise the creation of individual instrument/voice notation parts from the master score for individual musicians by the music programmer/arranger.		10	4	6
	PC9. approve scores prepared by the music programmer/arranger for recording sessions (without repetitions, attention to turning pages, etc.).		10	4	6
	PC10. supervise the export and import of music notation files (Musical Instrument Digital Interface (MIDI) or Music Extensible Mark-up Language (XML)) between the notation software and the Digital Audio Workstation (DAW).		10	4	6
		Total	100	40	60
MES/N1506 (Arrange music in a range of styles)	PC1. arrange music using appropriate style elements (instrumentation, rhythm, sounds, etc.) according to the creative direction set by the music director/composer.	100	10	4	6
	PC2. apply musical elements of cultural and historical relevance (instruments, performance styles, rhythmic patterns, vocal styles, etc.) in music arrangements to meet the creative requirements.		10	4	6
	PC3. determine the most appropriate key (pitch) for a song arrangement that suits the chosen singers and the mood of the composition.		10	4	6
	PC4. add harmonies to melodies using chords that suit the style of the composition.		10	4	6

	PC5. arrange or compose original melodies based on a specified chord progression.		10	4	6
	PC6. approve the form and structure of music compositions (intro, verse, chorus, reprise, etc.) prepared by the music programmer/arranger in accordance with the creative requirements.		10	4	6
	PC7. supervise the arrangement of music for a rhythm section (drums/percussions, keys/guitar and bass) based on a given melody.		10	4	6
	PC8. arrange music for acoustic instruments and instrument groups (e.g. strings, woodwinds, brass, etc.) adhering to their useable range and performance techniques.		10	4	6
	PC9. use Musical Instrument Digital Interface (MIDI) keyboards or controllers to arrange music on a Digital Audio Workstation (DAW).		10	4	6
	PC10. supervise the simulation / mock-up of music arrangements on a Digital Audio Workstation (DAW) by the music programmer for review and reference.		10	4	6
		Total	100	40	60
MES/N1507 (Produce recordings)	PC1. recommend and/or select suitable programmers, musicians, and sound engineers to meet the production requirements.	100	5	2	3
	PC2. schedule music programming and recording sessions.		5	2	3
	PC3. manage the different stages of the music production process.		5	2	3
	PC4. determine appropriate production techniques (synthesis, sampling, layering, etc.) according to the music genre and stylistic needs.		5	2	3
	PC5. approve appropriate sounds or samples used for programming the different instruments in the music arrangement.		10	4	6
	PC6. employ music performance techniques and attributes included in the arrangement while programming music tracks.		10	4	6

	PC7. apply sound processing techniques to make digitally programmed music to sound as close as possible to real instruments		10	4	6
	PC8. operate professional sound recording equipment (microphones, mixers, multitrack recording systems, etc.) to record music.		10	4	6
	PC9. determine appropriate techniques to record instruments and voices according to the stylistic considerations of the music genre.		10	4	6
	PC10. direct and guide the performance of musicians during recording sessions according to the music arrangement.		10	4	6
	PC11. supervise the mix-down of multi-track music recordings.		10	4	6
	PC12. perform mastering of demo mixes for presentation to the music director, clients, etc. for review.		10	4	6
	Total		100	40	60
MES/N0104 (Maintain workplace health and safety)	PC1. maintain one's posture and position to minimize fatigue and the risk of injury	100	10	5	5
	PC2. maintain first aid kit and keep oneself updated on the first aid procedures		10	5	5
	PC3. identify and document potential risks like sitting postures while using computer, eye fatigue and other hazards in the workplace		5	2	3
	PC4. accurately maintain accident reports		5	2	3
	PC5. report health and safety risks/ hazards to concerned personnel		10	5	5
	PC6. participate in organization health and safety knowledge sessions and drills		10	5	5
	PC7. identify the people responsible for health and safety in the workplace, including those to contact in case of an emergency		10	5	5
	PC8. identify security signals e.g. fire alarms and places such as staircases, fire warden stations, first aid and medical rooms		10	5	5

	PC9. identify aspects of workplace that could cause potential risk to own and others health and safety		5	2	3
	PC10. ensure own personal health and safety, and that of others in the workplace through precautionary measures		5	2	3
	PC11. identify and recommend opportunities for improving health, safety, and security to the designated person		5	2	3
	PC12. 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		5	2	3
	PC13. follow organisation's emergency procedures for accidents, fires or any other natural calamity in case of a hazard		5	2	3
	PC14. identify and correct risks like illness, accidents, fires or any other natural calamity safely and within the limits of individual's authority		5	2	3
		Total	100	46	54