

MUSIC PRODUCTION (832)
SESSION-2019-20
JOB ROLE: Production Assistant

This course is designed to enable students to learn about the technical aspects of music production such as how to use digital workstations. Music production students need to learn about the music business. The students will gain skills in recording studios and performance venues and get on track to a career in technical production.

CLASS: XI (2019-20)

Total Marks: 100 (Theory-60+Practical-40)

SCHEME OF UNITS

This course is a planned sequence of instructions consisting of units meant for developing employability and vocational competencies of students of Class XI opting for vocational subject along with general education subjects. The unit-wise distribution of hours and marks for class XI is as follow:

Music Production (832) CLASS XI session 2019-20				
	Units	No. of Hours for Theory and Practical 260		Max. Marks for Theory and Practical 100
Part A	Employability Skills			
	Unit 1 : Communication Skills-III	10		10
	Unit 2 : Self-Management Skills-III	10		
	Unit 3 : Information and Communication Technology Skills-III	10		
	Unit 4 : Entrepreneurial Skills-III	15		
	Unit 5 : Green Skills-III	05		
	Total	50		
Part B		Theory Periods	Practical Periods	
	a) Live Class Notes: Introduction:	30	80	25
	b) Studio Location:	10	10	05
	c) Small PA Systems	20	20	10
	d) Medium PA Systems	20	20	10
	Total	80	130	50
Part C	Practical Work			
	Practical Examination			15
	Written Test			10
	Viva Voce			05
	Total			30

Part D	Project Work/Field Visit			
	Practical File/ Student Portfolio			10
	Total			10
	Grand Total	80+130+50=260		100

Note:-Detailed Curriculum/ Topics to be covered under employability skill can be downloaded for CBSE website.

Part B–

Introduction

This Course will provide the students with a practical introduction to recording processes including, mixing, editing and post-production. It will aid the4 students to gain skills in recording studios and performance venues and get on track to a career in technical production. Also it will develop the necessary skills to record and produce music as well as live sound operation. This course will allow the students with the opportunity to participate in recording sessions and follow the production processes through to the completion of a demo recording. Moreover, it is intended to give the students the basic skills to begin an exciting career in music sound production or for the further study.

1) Learning Objectives

a) BSBWOR203A Work Effectively with others:

Unit Descriptor, Elements and Performance Criteria, Required Skills and Knowledge, Range Statement.

b) CUSSOU201A Assist with sound recordings:

Unit Descriptor, Elements and Performance Criteria, Required Skills and Knowledge, Range Statement.

c) CUETGE15B Handle physical elements during bump in bump out:

Unit Descriptor, Elements and Performance Criteria, Required Skills and Knowledge, Range Statement.

2)

a) Live Class Notes:

Introduction : Employment in the Production Industry, Review OHS, Difference between FOH and monitor, Lifting techniques, Cable and Connectors, DI sources (keyboards acoustic GTRs, CD players), Amplifiers, Vocal Microphone: Gain before feedback and stage placement, PA Lesson.

b) Studio Location:

Digital recording, Types of digital recording, Introduction to the Zoom H2 portable recording device, introduction to Boss 8 track digital recorders, External microphone recording with Boss 8 track portable digital recorders, multiple microphone recording with Boss 8 track portable digital recorders, Expanding capability of Boss Digi 8 track

using external mixer and multiple microphone, Introduction to signal flow in analogue consoles. Difference between in line and split consoles, Introduction to signal flow in audient console, single sound source, Multiple sound sources, Introduction to HD24, Recording from audient console into to HD24, Multiple sound sources.

c) Small PA Systems

Introduction: home studio monitoring, live solo and duo acts, public announcing, Basic system equipments, Setting up equipments, Power on procedure.

d) Medium PA Systems

Medium size PA systems, Introduction: small bands, live solo and duo acts (medium size venues), public announcing, Microphones, Mixing Console, Setting up equipments, Power on procedure, Level setting procedure, Occupational Health and Safety.

2) Assignments:

- (i) Assessment 1 : Worksheet 1: Portable Digital Recorders Zoom H2
- (ii) Assessment 2 : a) OHS Observation Checklist: Safe Lifting
b) Assessment Feedback Form
- (iii) Assessment 3: Worksheet 2 : Portfolio Digital Recorders Boss 8 Track
- (iv) Assessment 4: a) Observation Checklist: Zoom H2 and Boss 8 Track
b) Assessment Feedback form
- (v) Assessments 5: System Setup
- (vi) Assessment 6: Live Sound Recording
- (vii) Assessment 7: a) Studio Basics
b) Assessment Feedback form

Section-2

3) Music Culture:

Introduction, What is Music? What is Culture? , Modern music Examining music cultures around the world, Examining Australia's music culture, The future of Music Industry, Examining the musical instruments: Human voice, Examining the musical instruments ; the guitar, Types of Guitars, Examining the musical instruments: the piano, Examining musical instruments – percussion, Examining musical instruments: Synthesizer-what is a Synthesizer, How a Synthesizer creates a sound, signal generating and processing components, modulation and control components, Oscillators, Common Synthesizer waveforms, Noise: Pink/red, blue, white, Reshaping waveforms, Filters, Types of filters, Cutoff frequency, Resonance, Drive, Filter Slope, Modulation, LFO Controls, LFO envelopes, Global controls, Introduction to music notation, time signatures, scales Music theory-Chords and symbols, What is an ensemble.

4) Assignments:

- (i) Assessment 1: Worksheet: Music Culture
- (ii) Assessment 2: a) Worksheet: Digital Portable Recorders : Part A
b) Assessment 2: Worksheet: Digital Portable Recorders: Part B

- (iii) Assessment 3: a) Direct Observation Checklist: Digital Portable Recorders
b) Assessment feedback form
- (iv) Assessment 4: Worksheet: Instruments 1
- (v) Assessment 5: worksheet: Instruments 2
- (vi) Assessment 6: a) Direct Observation Checklist: Ensemble Playing
b) Assessment 6: Direct Observation Checklist: Ensemble Playing
- (vii) Assessment 7: a) Direct Observation Checklist: Studio Recording
b) Assessment Feedback form

SUGGESTED LIST OF EQUIPMENTS

- Microphone - Newmen Condenser Microphones (at least Six)
- Audio Console 16 track Analogue/Digital
- Stand (Giraffe) (6)
- Computer With sound card and 2GB Ram & 500GB
- HDD Capable of running Audacity
- XLR Cable & Connectors
- Jack Connectors

Studio speakers for Monitoring (2 L & R)

