

## Course Learning Outcomes

By the end of this course students will be able to:

- 1 Understand the role of the front of house engineer in live sound reinforcement
- 2 Set up and configure a live sound system for different venues and events and understand signal flow management and routing
- 3 Apply equalization and dynamics processing for shaping sound & explore the use of effects and spatial processing in live sound mixing

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Re-Branding **Africa**  
through **Sound**

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## FRONT OF HOUSE & BROADCAST MIXING COURSE

### Course Overview

This course provides an in-depth exploration of the principles and techniques of front of house mixing for live sound. You will learn how to set up and operate a live sound system, mix audio for a variety of events and venues, troubleshoot common issues, and deliver high-quality sound reinforcement for live performances. The course will cover equipment setup, signal flow, spectral & dynamic processing, Time-based effects, and mixing techniques commonly used in front of house mixing

### Course Aims

The Course aims to;

- 1 Equip students with the fundamental principles of sound & acoustics
- 2 Enable Students to understand Sound principles for live production, streaming and sound signal management
- 3 Introduce students to the best practices and techniques for Front of Mixing and Broadcast



# FRONT OF HOUSE & BROADCAST MIXING

Third Edition 2024

**QUAD-A**  
ACADEMY

[www.quad-a.com](http://www.quad-a.com)



## TUTORS



### Ahuraa Andrew

**AUDIO ENGINEER | MUSICIAN | MUSIC COMPOSER | FOH MIXER**

Managing Director QUAD-A Group and certified engineer from DOLBY Institute, Dante Technologies, Film Skills. With over 15yrs experience in the Audio Service Industry, he has been nominated for various awards including AMVCA, UFF, PAF, TIFF and ZIFF, among others. He has mixed and recorded live concerts for renowned Artists both locally and internationally



### Kasoma Tonny

**AUDIO ENGINEER | MUSICIAN | TUTOR**

Head of Academy at QUAD-A Group and Certified Engineer from the Film Skills Institute, Dante Technologies. A seasoned Audio Production expert in the entertainment industry with over 18 Years of experience. Embraced with skills in Recording, Editing and Mixing Music & Film, he has produced award winning works globally. He has recorded and mixed live sound for church and live concerts

## COURSE MODULES

Module 1: Introduction to Front of House Mixing

Module 2: Live Sound System Setup

Module 3: The Mixer & Routing

Module 4: Gain Structure

Module 5: Dynamics Processing

Module 6: Spectral Processing

Module 7: Effects Processing

Module 8: Mixing Drums

Module 9: Mixing Other Elements

Module 10: Advanced Mixing Concepts

Module 11: Broadcast & Live Stream Set up

Module 12: Mixing Techniques for Broadcast

## COURSE REQUIREMENTS

Have prior knowledge of the fundamentals of sound production and sound physics

Knowledge of production software such as; Adobe Audition. Pro Tools, Logic Pro, Ableton

## COURSE STRUCTURE

### ACADEMIC SESSION

Dates: **16th Sep 2024 - 25th Oct 2024**

Lecture Hours: **Mon - Fri 4pm to 6pm (Excludes weekends)**

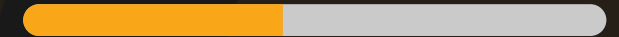
Course Duration: **6 weeks - 60hrs - 3hrs each week day**

Platform: **Physical**

Teaching mode: **Lectures, quizzes & exams  
informal, formal assesments, reference materials**

### ASSESSMENT

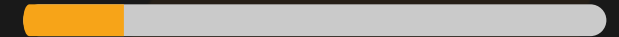
50% : Online Exam



30% : Project assessments



20% : Modular assessments



### SCHEDULE

**16th: Induction**

**17th - 20th Sep: Audio Fundamentals**

**23rd Sep - 4th Oct: FOH Mixing Concepts**

**7th Oct - 18th Oct: Broadcast Mixing Concepts**

**21st Oct - 23rd Oct: Exams**

**24th Oct - 25th Oct: Closure & Certification**

### FEES

**Full Tuition: 500,000 UGX**

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