Liverpool John Moores University

Title:	LIVE SOUND DESIGN AND PRODUCTION
Status:	Definitive
Code:	**5505TECLCC** (108484)
Version Start Date:	01-08-2016

Owning School/Faculty:	Electronics and Electrical Engineering
Teaching School/Faculty:	City of Liverpool College

Team	Leader
Paul Otterson	Y

Academic Level:	FHEQ5	**Credit Value:**	12	**Total Delivered Hours:**	51
Total Learning Hours:	120	**Private Study:**	69		

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Practical	24
Tutorial	3
Workshop	24

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Assignment – produce system design including stage plans and	30	
Essay	AS2	Operate sound for a live music or theatre event.	40	
Essay	AS3	Produce a sound design for a sound installation or theatre event.	30	

Aims

To introduce students to professional technical practices as used in sound reinforcement and public address. To enable students to make creative decisions

about system and sound design for music and theatre applications.

Learning Outcomes

After completing the module the student should be able to:

1. Construct a stage plan and channel list.
2. Operate industry-standard equipment to professional standards.
3. Respond to the requests of performers, designers and directors
4. Devise sound system designs for a variety of applications.
5. Create a sound design for a live event.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

CW	1	
CW	2	3
CW	4	5

Outline Syllabus

Health and safety when rigging and operating.
Properties of loudspeakers, mixing consoles and equalizers.
Onstage foldback techniques for music and theatre applications.
Microphone configurations for a variety of music and theatre genres.
Audio system design considerations.
System test and alignment methods.

Learning Activities

Practical sessions and demonstrations. Student work groups.

Notes

The practical nature of this module will require student to work with other groups from Music, performing arts and musical theatre on assessable projects.