Liverpool John Moores University

Title: Sound and Video Production
Status: Definitive
Code: **4048ENG**   (117059)
Version Start Date: 01-08-2016

Owning School/Faculty: Electronics and Electrical Engineering
Teaching School/Faculty: Electronics and Electrical Engineering

Team	Leader
Paul Otterson	Y
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Academic Level:	FHEQ4	**Credit Value:**	24	**Total Delivered Hours:**	96
Total Learning Hours:	240	**Private Study:**	144		

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	6
Practical	90

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Technology	Cwork 1		15	
Technology	Cwork 2		15	
Technology	Cwork 3		70	

Aims

To introduce students to professional technical practices as used in broadcast media and creative industries, including: managing and organising tasks, people and resources; working to specifications; and applying safe systems of work.

Learning Outcomes

After completing the module the student should be able to:

1	Operate industry-standard hardware and software to professional standards
2	Create a recorded audio programme
3	Undertake live-production of a radio broadcast
4	Function effectively in a TV studio/control room using industry-standard procedures to produce a video to meet a customer's requirements

Learning Outcomes of Assessments

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

Creation of recorded audio	1	2
Prdn of live radio broadcast	3	
Creation of edited video	4	

Outline Syllabus

Properties of the eye and ear
Properties of camera optics
Properties of microphones and loudspeakers
Production and editing – grammar and techniques for inserts
Non-linear editing, dubbing and effects using computers
Audio Mixing Desks
Lighting, luminaires & lighting controllers
Vision mixers
Video recording & editing systems
Safe systems of work & relevant legislation
Legal issues for digital rights and intellectual property
Storyboards
Time Management

Learning Activities

Practical sessions and demonstrations. Student work groups

Notes

The module is focused towards the skills of audio & video production. Furthermore the module will introduce students to the equipment used in audio and video production. The module will cover both 'live-broadcast' and 'recorded' production.

Students will be required to work both individually and in small groups using

equipment to become familiar with its characteristics in a way that also demonstrates safe systems of work.

It is taught in conjunction with IOV and AVID syllabus materials.