

## Liverpool John Moores University

Title: Video Acquisition  
Status: Definitive  
Code: **4208AMP** (124846)  
Version Start Date: 01-08-2021  
  
Owning School/Faculty: Engineering  
Teaching School/Faculty: Engineering

Team	Leader
Kevin Johnston	Y

**Academic Level:** FHEQ4      **Credit Value:** 20      **Total Delivered Hours:** 55  
**Total Learning Hours:** 200      **Private Study:** 145

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	11
Practical	44

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Test	AS1	Equipment Competence	40	
Technology	AS2	Video Production Practical	60	

### Aims

*To introduce students to professional technical and craft 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 to professional standards
- 2 Acquire appropriate media essence in both video and audio formats
- 3 Log, identify and select relevant material for post-production

## Learning Outcomes of Assessments

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

Equipment Competence	1	
Video Production	2	3

## Outline Syllabus

*Basic photography concepts, prime lenses*  
*Video camera operations*  
*Capturing the image (depth of field, shutter speed, aperture, gain, light level)*  
*Correct frame rates / scanning systems*  
*Colour balancing*  
*Audio capture (external/internal)*  
*Mic selection & levels*  
*Digital standards & formats, sample rates and quality, sync, connections*  
*Workflow & setup*  
*Manual vs auto settings*  
*Shooting with a DSLR, DSLR audio (second system sound)*  
*"Film-look" cinematography, DSLR phenomenon*  
*Professional "3-chip" cameras & "video look" capture*  
*Lighting set ups*  
*Shooting procedure - take sequence, shot log, continuity*  
*Directing, shot types, framing, sequencing, 180-degree rule, cutaways*  
*Capturing essence for post-production*  
*The grammar of production – in the camera*  
*Data wrangling – management of clips, takes and storage*

## 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. 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.