

Liverpool John Moores University

Title: Legacy Media Formats
Status: Definitive
Code: **7003AMP** (127229)
Version Start Date: 01-08-2021

Owning School/Faculty: Engineering
Teaching School/Faculty: Engineering

Team	Leader
Colin Robinson	Y

Academic Level: FHEQ7
Credit Value: 10
Total Delivered Hours: 22
Total Learning Hours: 100
Private Study: 78

Delivery Options

Course typically offered: S1 and Non Std S2 (S2 for Jan)

Component	Contact Hours
Lecture	10
Practical	6
Tutorial	6

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Report	Investigation into Legacy Methods of Audio Capture and Storage (equivalent to 2500 words)	100	

Aims

The module will explore various methods of storing and reproducing representations of media in a variety of legacy formats.

Learning Outcomes

After completing the module the student should be able to:

- 1 Identify and evaluate the principles and limitations of various legacy audio storage formats
- 2 Recommend suitable procedures for recovery, transfer, storage and redistribution of legacy media from obsolete formats

Learning Outcomes of Assessments

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

Report	1	2
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Outline Syllabus

Audio Recording History

Legacy Audio Recording Techniques

Limitations of Various Legacy Audio Formats

Introduction to the theory and capabilities of :

Mechanical Audio formats (Recording, Processing, Storage and Duplication)

Electrical Audio Formats (Recording, Processing, Storage and Duplication)

Digital Audio Formats (Recording, Processing, Storage and Duplication)

Optical Audio Formats (Recording, Processing, Storage and Duplication)

Magnetic Audio Formats (Recording, Processing, Storage and Duplication)

Learning Activities

Lectures, tutorials, investigations , Practical sessions and demonstrations.

Notes

In 150 years or so of recorded sound there has been a plethora of ingenious ways of recording and storing audio. Each decade brought its own advances in methodology and techniques. Consequently new technologies for recording storage and playback needed to be developed, perfected, marketed and accepted. This module introduces the student to many of the formats that have been used to store and distribute audio and explains the ways modern restoration techniques can transfer store and preserve their often unique content to the very highest standards.