

Liverpool John Moores University

Title: Music Skills for Sound Engineers
Status: Definitive
Code: **6541STE** (124054)
Version Start Date: 01-08-2021

Owning School/Faculty: Engineering
Teaching School/Faculty: Liverpool Institute for Performing Arts

Team	Leader
Karl Jones	

Academic Level: FHEQ6
Credit Value: 10
Total Delivered Hours: 30
Total Learning Hours: 100
Private Study: 70

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	10
Workshop	20

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	Portfolio	Portfolio of practical exercises including lead-sheet production, vocal arrangements and aural identification	100	

Aims

To provide students with an understanding of basic musical language, notation and theory.

To enable students to apply an understanding of harmony and arrangement to common engineering and production situations.

Learning Outcomes

After completing the module the student should be able to:

- 1 Identify, both aurally and from score, key musical concepts such as chord type and progression, scales and modes.
- 2 Create appropriate harmony parts and arrangements for instruments and vocals using a variety of studio tools
- 3 Prepare scores and lead-sheets for an ensemble

Learning Outcomes of Assessments

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

Portfolio	1	2	3
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Outline Syllabus

Introduction to Harmony

The main principles of the rules of harmony, dominant relationships, diatonic and non-diatonic harmonic relationships, chord types and substitutions, chord voicing and relationships

Melody and Harmony

The role of harmony in relationship to melody, support and contrast, chord connections and progressions, melodic development and climax/surprise

Rhythm

Rhythm as a compositional and structural element, polyrhythm and combinations, the percussion ensemble

Diatonic scale

Introduction to the diatonic scale, its structure and how this horizontal element can lead to vertical harmony elements. Templates, consonance, dissonance, chord symbol conventions, notation.

The Score

Preparation of lead sheets, conventional groupings and ensembles, rhythm section and techniques

Texture and Clarity

Writing for groups, foreground, middleground, background, melody and harmony spread throughout the ensemble, inner harmonic movement

Form

Song forms and models, phrases and sentences within song structures, through composed, abac, aaba. Templates.

Sections

Scoring conventions, techniques to use when arranging for specific sections: brass, rhythm, string, a cappella

Tools

Practical skills in using scoring software and pitch manipulation software to suggest / create harmonies and arrangements

Learning Activities

This module is delivered in extended seminars of three hours duration. Weekly tasks will be set, which will be performed and discussed the following week.

Notes

Jon Thornton is the module leader (j.thornton@lipa.ac.uk)