

Music Skills for Sound Engineers

Module Information

2022.01, Approved

Summary Information

Module Code	6541STE
Formal Module Title	Music Skills for Sound Engineers
Owning School	Engineering
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Liverpool Institute for Performing Arts

Learning Methods

Learning Method Type	Hours
Lecture	10
Workshop	20

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	12 Weeks

Aims and Outcomes

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.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Identify, both aurally and from score, key musical concepts such as chord type and progression, scales and modes.
MLO2	2	Create appropriate harmony parts and arrangements for instruments and vocals using a variety of studio tools
MLO3	3	Prepare scores and lead-sheets for an ensemble

Module Content

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, middle ground, 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
Module Overview	
Additional Information	Jon Thornton is the module leader (j.thornton@lipa.ac.uk)

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Portfolio	100	0	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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