



Course Code MUS-135	Course Title Computer Music Technology I	ECTS Credits 5
Department Music & Dance	Semester Spring	Prerequisites None
Type of Course Required	Field Computer Music	Language of Instruction English
Level of Course 1 st Level	Year of Study 1 st	Lecturer(s) Michalis Chrysanthou
Mode of Delivery Face-to-face	Work Placement N/A	Co-requisites None

Objectives of the Course

1. Help students gain familiarity with major music notation software and sequencers used by professional musicians
2. Introduce MIDI and elementary acoustics
3. Introduce basic hardware available today for project studios
4. Introduce Basic midi composition tools and techniques

Learning Outcomes

After completion of the course students are expected to be able to:

1. Demonstrate adequate knowledge of the software most commonly used by professional musicians
2. Define the basic studio setup and the possibilities offered by combining different software and hardware
3. Record Orchestral or Contemporary scores using notation software.
4. Demonstrate appropriate knowledge of VST instruments and their sound manipulation capabilities.
5. Produce a basic Midi Composition using the various vst instruments and tools available through their DAW.

Course Contents

Learning Activities and Teaching Methods

Lectures, assignments, projects, exams, class participation

Assessment Methods

Mid-Term Exam; Final Exam; Class Participation, Projects
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Required Textbooks/Reading

Authors	Title	Publisher	Year	ISBN
Menasche, Emile D.	<i>The Desktop Studio: Revised Edition</i>	Hal Leonard	2009	978-1423463313
David Miles Huber	<i>The Midi manual: 3rd edition</i>	Focal Press	2007	978-0240807980

Recommended Textbooks/Reading

Authors	Title	Publisher	Year	ISBN
Nick Collins	<i>Introduction to Computer Music</i>	Wiley	2010	978-0470714553