



Course Syllabus

Course Code	Course Title	ECTS Credits
MUTX-305	Electroacoustic Composition	6
Prerequisites	Department	Semester
MUTX-140; MUTX-201; MUTX-202	Music & Dance	Fall/Spring
Type of Course	Field	Language of Instruction
Thematic Area	Music Technology	English
Level of Course	Lecturer(s)	Year of Study
1 st Cycle	Dr. Haris Sophocleous	4 th
Mode of Delivery	Work Placement	Corequisites
Face-to-face	N/A	N/A

Course Objectives:

The main objectives of the course are to:

- Explore in depth the techniques and repertoire of computer generated music.
- Introduce students to the art of electroacoustic music and the artistic appreciation of form and texture within a non-melodic framework.
- Compile a list of electroacoustic compositions in various genres.
- Support discussions on influences, tools utilized and critical analysis of the original compositions.
- Criticize the importance of the aesthetic principles behind their compositions.

Learning Outcomes:

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

- Create electronic compositions that demonstrate an individual musical personality and engages with the audience at a cognitive and aesthetic level through performance of the work in a live setting or ensemble participation.
- Demonstrate an in-depth understanding of, and a creative facility for, the use and application of a variety of software packages and hardware relevant to electronic music composition.
- Demonstrate a wide-ranging knowledge, methods and insights of techniques from interdisciplinary fields that can inform and enhance the electronic work (mathematics, physics, etc.).
- Evaluate other works in the field with a clear and efficient manner.

Course Content:

- One-on-one assignments including composition with samples sounds, feedback and noise, using digital signal processing (DSP), convolution, algorithms and mixing.
- Students must complete three substantial electronic compositions with material drawn from sound art, experimental compositions, conventional and non-conventional classical electronic works, popular influences, etc.

Learning Activities and Teaching Methods:

Lectures; projects; class participation

Assessment Methods:

Attendance; In class assignments; Practical project 1; Practical project 2; Practical project 3

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
<i>Inside Computer Music</i>	Michael Clarke	Oxford University Press	2020	9780190659646
<i>OpenMusic Tutorials</i>	Karmi Haddad and Mikhail Malt	N/A	N/A	http://recherche.ircam.fr/equipes/repmus/OpenMusic/userdoc/DocFiles/Tutorial/foreword/Index.html
<i>Handmade Electronic Music</i>	Nick Collins	Routledge	2006	0-415-97591-3
<i>The Language of Electroacoustic Music</i>	Simon Emmerson	Macmillan Press	1986	978-0333397602
<i>On Sonic Art</i>	Trevor Wishart	Routledge	1996	978-3718658473