Course Title	Music Technology I
Course Code	MTC 105
Course Type	Compulsory
Level	Bachelor (1st Cycle)
Year / Semester	1st Year / 1st Semester
Teacher's Name	TBA

ECTS	6	Lectures / week	3 hours/14 weeks	Laboratories / week	None

Course Purpose and Objectives	The aim of the course is to introduce students to DAW and audio editing software that is commonly used by professional musicians, as well as to intermediate MIDI functions and elementary acoustics. Throughout the course students will gain familiarity with various means of capturing, creating, and manipulating digital sound, learn intermediate studio recording and mixing procedures and techniques.
Learning Outcomes	Upon successful completion of this course, students will be able to: • Discuss and enforce the basic principles of musical acoustics. • Operate the basic equipment and demonstrate fundamental processes of professional studio recording and mixing using Steinberg's Cubase and Audacity and various virtual instruments and plugins. • Operate fundamental sound design procedures. • Apply knowledge of audio recording to live projects • Demonstrate advanced skills in using notation software • Implement skills gained in notation software for other course assignments and projects

Prerequisites	None	Co-requisites	None

Course Content	**Description:** • Classroom instruction will consist of introducing students to the basics of using a variety of Macintosh software. • Students will be assigned various specific user tasks for each application introduced in class. • Grading will be based on completion of assignments and a final examination. ELEMENTARY ACOUSTICS: sound waves, instrument and room acoustics, electronic acoustics and acoustic effects (reverb, delay, distortion, wah-wah, flanger, compressor, echo) INTERMEDIATE MIDI: Midi channels, Midi device configuration in DAW's, intermediate Midi functions, Midi recording and editing.

	INTERMEDIATE AUDIO RECORDING recording equipment, recording music techniques, mixing techniques, creating CDs and online music publish.
Teaching Methodology	Face to face
Bibliography	Robert Guerin, Midi power David Franz, Recording and Producing in the home studio Roads, C. The Computer Music Tutorial. David Brian Williams D. B. and Webster P. R. Experiencing Music Technology (Software, Data, and Hardware (with CD-ROM)). Matthew Loel T. Hepworth, Power tools for Cubase 7
Assessment	Exams 30% Assignments 60% Class Participation and Attendance 10% 100%
Language	English