

MTD307 Computer Music Composition Techniques

Level: 3

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY JULY

Synopsis:

This course introduces software that can assist the modern music composer in the process of music composition. Basic music theory and digital piano playing skills will be introduced to absolute beginners who have no prior music background.

Topics:

- Introduction to Computer Music Composition Techniques
- Music Notation
- Time Signatures
- Major Scale
- Tones
- Key Signatures
- Intervals
- Tonic Triads
- Dynamics
- Musicals
- Keyboard practical session
- MIDI-enabled digital guitar and non-MIDI acoustic guitar

Learning Outcome:

- Show the use of computer software as a tool to compose music
- Appraise and interpret music score sheets produced by computer software through understanding of basic music theory
- Create an original music composition on the MIDI-enabled digital musical instrument
- Demonstrate the basic skills in playing digital piano
- Experiment using computer software to automatically transcribe music played by the music composer on a MIDI-enabled musical instrument into a musical score sheet
- Compose and arrange computer music and improvisations on the digital piano

Assessment Strategies (Evening Class):

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	QUIZ 1	15
	TUTOR-MARKED ASSIGNMENT 1	15
Overall Examinable Components	ECA	70
Total		100

