

## BMU309 Technology in Music Education

**Level:** 3

**Credit Units:** 5 Credit Units

**Language:** ENGLISH

**Presentation Pattern:** EVERY JAN

### Synopsis:

Explore aspects of integrating (electronic and information) technology into music performance and music education activities. Topics include selecting, preparing, utilizing and evaluating technology tools such as software, hardware, and related products. Emphasis on combining and engaging effective instructional pedagogy practices with music content knowledge. Technologies include tools for general productivity, music notation, music performance, music assessment, music production and emerging digital teaching and learning, based on the Technology Institute for Music Educators standards.

### Topics:

- Introduction to Music technology. Analogue and Digital technology. Introduction to Garage Band, arrange and sequencing pane
- Garage Band using loops and recording. Garage Band in the classroom.
- Overview and introduction to Sibelius
- Composition and arranging with Sibelius
- Introduction to Audacity and LogicProX for recording and editing
- Integration Music and information technology in the classroom

### Learning Outcome:

- Examine emerging technologies using technology standards from the Technology Institute for Music Educators and International Society for Technology in Education.
- Identify appropriate music technology appropriate for music teaching, referencing Technology Institute for Music Educators standards for music education.
- Discuss strategies for implementing music technology in the music classroom.
- Apply working knowledge of music technology for music notation, sequencing, instructional media, World Wide Web, and Digital Audio Workstations (DAW).
- Design strategies for implementing music technology in the music classroom.
- Create technology artefacts suitable for educational use.

### Assessment Strategies:

Continuous Assessment Component	Weightage (%)
TUTOR-MARKED ASSIGNMENT	20
TUTOR-MARKED ASSIGNMENT	30
<b>Sub-Total</b>	<b>50</b>

Examinable Component	Weightage (%)
ECA	50
<b>Sub-Total</b>	<b>50</b>

**Weightage Total** **100**