



### **Course Description**

#### **MUM 2624C | MIDI-Electronic Music 2 | 2-3 Variable Credits**

This course is designed to provide music students further study in the application of the Musical Instrument Digital Interface (MIDI). Emphasis will be placed on advanced techniques in sequencing, routing, synchronization, composition and arranging. Prerequisite: MUM 2623C. Special fee.

#### **Competency 1:**

The student will expand their proficiency in utilizing MIDI technology to compose and produce original electronic music compositions by:

1. Exploring and implementing advanced MIDI functionalities and techniques to infuse depth and intricacy into original electronic music compositions, demonstrating a heightened level of technical prowess and creativity in MIDI utilization.
2. Integrating diverse MIDI controllers and hardware seamlessly into the music production process, fostering a seamless workflow and enhancing the expressive potential of electronic music compositions through live manipulation and performance.
3. Experimenting with innovative MIDI-driven composition methods, such as generative music techniques and algorithmic sequencing, to push the boundaries of creativity and originality in electronic music production.

#### **Learning Outcomes:**

- Computer / Technology Usage
- Aesthetic / Creative Activities

#### **Competency 2:**

The student will demonstrate an enhanced understanding of advanced MIDI programming techniques and their application in creating dynamic electronic music arrangements by:

1. Applying intricate MIDI programming techniques, such as polyphonic aftertouch and microtiming adjustments, to craft nuanced and expressive electronic music arrangements, showcasing a mastery of advanced MIDI manipulation.
2. Experimenting with intricate MIDI automation and control parameters to create dynamic and evolving electronic music arrangements, demonstrating a sophisticated understanding of MIDI programming for musical expression.
3. Utilizing advanced MIDI programming for intricate layering, modulation, and manipulation of electronic music elements, resulting in rich, textured, and dynamically evolving musical compositions.

#### **Competency 3:**

The student will develop the ability to integrate MIDI controllers and hardware effectively to enhance the live performance and production aspects of electronic music by:

1. Incorporating MIDI controllers and hardware seamlessly into live performances, enabling real-time manipulation of electronic music elements, and enhancing the audience's engagement through dynamic and interactive musical experiences.
2. Implementing MIDI controllers and hardware to create immersive and expressive live electronic music performances, showcasing a refined ability to craft diverse sonic textures and atmospheres through live manipulation and control.
3. Integrating MIDI controllers and hardware into the production workflow to create dynamic and engaging electronic music, resulting in polished and professional live performances that captivate and excite audiences.