



Course Description

MUM 2640L | Multi-Track Mix down Techniques | 1 Credit

This course deals with the application of signal processing gear to multi-track master recording mix down to 2 track stereo mastering machines includes editing and packaging. Prerequisites: MUM 2600, 2600L. Laboratory fee.

Competency 1:

The student will hone their mixing skills by practicing with a diverse range of multitrack sessions from various genres by:

1. Analyzing and deconstructing multitrack sessions from diverse genres to identify and apply genre-specific mixing techniques, refining their ability to adapt to different sonic characteristics and musical styles.
2. Experimenting with advanced mixing tools and plugins to manipulate multitrack sessions effectively, fostering a deeper understanding of signal processing and spatial enhancement within various musical contexts.
3. Utilizing critical listening and analytical skills to evaluate the impact of mixing decisions on multitrack sessions from different genres, refining their ability to achieve balanced and cohesive mixes across a wide spectrum of musical arrangements.

Learning Outcomes:

- Computer / Technology Usage
- Aesthetic / Creative Activities

Competency 2:

The student will develop proficiency in creating dynamic mixdowns by:

1. Experimenting with advanced automation techniques to sculpt dynamic mixdowns, showcasing precise control over musical elements and enhancing the emotional impact of the final mix.
2. Refining their use of spatial effects and stereo imaging to create expansive and immersive mixdowns, demonstrating a nuanced understanding of spatial placement and depth within the stereo field.
3. Employing parallel processing and creative routing to add depth and dimension to mixdowns, showcasing inventive and resourceful approaches to enhancing the sonic impact of the final mix.

Competency 3:

The student will acquire the ability to create professional-sounding mixes by:

1. Applying advanced mastering techniques to achieve professional-sounding mixes, demonstrating a keen understanding of loudness normalization, tonal balance, and dynamic range control.
2. Implementing effective frequency carving and surgical EQ techniques to sculpt professional-sounding mixes, showcasing precision and artistry in shaping the tonal character and clarity of individual tracks within the mix.
3. Utilizing sophisticated dynamic processing and compression to achieve professional-sounding mixes, demonstrating mastery in controlling dynamics, enhancing punch, and ensuring a cohesive and polished sonic result.