SRT 256
Sound Recording Technology II
3-2-2

COURSE DESCRIPTION:
This course explores the theory and practice of sound recording technology and music production. Emphasis is placed on the technical application of multi-track music recording, mixing, editing, signal processing, and MIDI recording. Students oversee and participate in productions from the early stages of conception, through the process of distribution. Students expand their aesthetic analysis of sound through a series of critical listening assignments. This course is subject to a course fee. Refer to http://mc3.edu/adm-fin-aid/paying/tuition/course-fees for current rates.

REQUISITES:
Previous Course Requirements
SRT 250 Sound Recording Technology I with a minimum grade of C

Previous or Concurrent Course Requirements
None

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHODS
1. Use sound recording technology studios and field production equipment to create complex audio productions.	Lectures/Discussions Demonstrations and Practice Case Studies Student Presentations Peer to Peer Review Writing Assignment(s) Lab Assignment(s)	Peer to Peer Review Portfolio
2. Use sound acquisition and recording equipment and production techniques at an intermediate level.	Lectures/Discussions Demonstrations and Practice Case Studies Student Presentations Peer to Peer Review Writing Assignment(s) Lab Assignment(s)	Peer to Peer Review Portfolio
3. Create multi-track complex sound recordings through pre-production, production, post- production and	Lectures/Discussions Demonstrations and Practice Case Studies Student Presentations Peer	Peer to Peer Review Portfolio

distribution at an intermediate level.	to Peer Review Writing Assignment(s) Lab Assignment(s)	
4. Utilize MIDI, digital signal processing, and advanced techniques of equalization and signal processing inside and outside the Digital Audio Workstation.	Lectures/Discussions Demonstrations and Practice Case Studies Student Presentations Peer to Peer Review Writing Assignment(s) Lab Assignment(s)	Peer to Peer Review Portfolio
5. Demonstrate an advanced ability of audience identification and analysis by creating varied productions for varied demographics.	Lectures/Discussions Demonstrations and Practice Case Studies Student Presentations Peer to Peer Review Writing Assignment(s) Lab Assignment(s)	Peer to Peer Review Portfolio
6. Pitch and defend production ideas in a clear, concise well-organized manner.	Lectures/Discussions Demonstrations and Practice Case Studies Student Presentations Peer to Peer Review Writing Assignment(s)	Peer to Peer Review Portfolio
7. Utilize varying types of production and post-production techniques and organization.	Lectures/Discussions Demonstrations and Practice Case Studies Student Presentations Peer to Peer Review Writing Assignment(s) Lab Assignment(s)	Peer to Peer Review Portfolio
8. Analyze the works of others based on critical listening skills and varying aesthetic styles of work current or historic to the field.	Lectures/Discussions Demonstrations and Practice Case Studies Student Presentations Peer to Peer Review Writing Assignment(s) Lab Assignment(s)	Peer to Peer Review Portfolio

At the conclusion of each semester/session, assessment of the learning outcomes will be completed by course faculty using the listed evaluation method(s). Aggregated

results will be submitted to the Director of Educational Effectiveness. The benchmark for each learning outcome is that *70% of students will meet or exceed outcome criteria*.

SEQUENCE OF TOPICS:
1. Review of Studio Signal Flow
2. Advanced Microphone Techniques
3. Advanced Editing Techniques
4. Multi-Track Mixing Techniques
5. Introduction to Virtual Instruments
6. Equalization Techniques
7. Signal Processing and routing
8. Recording and Signal Processing projects
9. Audience Evaluation and Analysis
10. Pre- Production, Production Organization

LEARNING MATERIALS:
Recommended:
David Miles Huber, (2017). *Modern Recording Techniques*, 9th edition, Focal Press
ISBN 978-1-138-95437-3

In addition, the instructor may provide students with handouts or access to selected Radio or Television programs or clips

Other learning materials may be required and made available directly to the student and/or via the College's Libraries and/or course management system.

COURSE APPROVAL:

Prepared by: Morgan Betz	Date: 11/16/2013
VPAA/Provost or designee Compliance Verification:	
Victoria L. Bastecki-Perez, Ed.D.	Date: 12/2014
Revised by: Michael Kelly and Debbie Dalrymple	Date: 1/9/2018
VPAA/Provost or designee Compliance Verification:	
Victoria L. Bastecki-Perez, Ed.D.	Date: 1/30/2018
Revised by: David Ivory	Date: 11/19/2020
VPAA/Provost or designee Compliance Verification:	
Gloria Oikelome, Ed.D.	Date: 5/6/2021
Revised by: Michael Kelly	Date: 10/8/2025
VPAA or designee Compliance Verification:	Date: 10/8/2025

This course is consistent with Montgomery County Community College's mission. It was developed, approved and will be delivered in full compliance with the policies and procedures established by the College.