

SRT 250
Sound Recording Technology I
3-2-2

COURSE DESCRIPTION:

This course introduces students to the theory and practice of sound recording technology and music production. Students are introduced to sound recording and engineering techniques including multi-track music recording, mixing, editing, and signal processing. Emphasis is placed on the procedures and processes of preparing for and carrying out a basic production from start to finish. Students act as the sound engineer and embody other production roles. Students work to expand their aesthetic understanding, analyze sound through engineering, mixing and participate in a series of critical listening workshops. 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 104 Introduction to Sound Recording Technology

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. Utilize the vocabulary of sound theory by successfully using terminology and digital audio applications.	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 production equipment and multiple engineering techniques at an intermediate level.	Lectures/Discussions Demonstrations and Practice Case Studies Student Presentations Peer to Peer Review Lab Assignment(s)	Peer to Peer Review Portfolio
3. Demonstrate an intermediate ability to utilize signal processing inside and outside the	Lectures/Discussions Demonstrations and Practice Case Studies	Peer to Peer Review Portfolio

Digital Audio Workstation.	Student Presentations Peer to Peer Review Writing Assignment(s) Lab Assignment(s)	
4. Demonstrate an introductory ability of audience identification and analysis by creating a recording for a specific demographic.	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. Exhibit an intermediate level of engineering and post-production techniques and organization to finish projects within set deadlines.	Lectures/Discussions Demonstrations and Practice Case Studies Student Presentations Peer to Peer Review Writing Assignment(s)	Peer to Peer Review Portfolio
6. Apply critical listening skills 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

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 Sound Theory and Equipment
2. Studio Signal Flow
3. Microphone Techniques
4. Field Recording Techniques
5. Signal Processing
6. Multi-Track Recording
7. Editing Techniques
8. Multi-Track Mixing
9. Recording and Signal Processing Workshops
10. Introduction to Audience Identification and Demographic Analysis
11. Introduction to Production Organization
12. Introduction to Production Evaluation and Critique

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 APPROVALS:

Prepared by: Morgan Betz Date: 11/16/2013

VPAA/Provost or designee Compliance Verification: Date: 12/2013
 Victoria L. Bastecki-Perez, Ed.D.

Revised by: Michael Kelly and Debbie Dalrymple Date: 1/9/2018

VPAA/Provost or designee Compliance Verification: Date: 1/30/2018
 Victoria L. Bastecki-Perez, Ed.D.

Revised by: David Ivory Date: 11/19/2020

VPAA or designee Compliance Verification: Date: 5/6/2021



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.