

SRT 130
SRT Software Workshop I
1-0-2

COURSE DESCRIPTION:

SRT Software Workshop I is a breakout course that introduces students to specialized sound recording and music technology software. Students expand upon what they have learned in SRT 104 and MUS 140 by applying new techniques in recording, editing, sequencing and signal processing in current software applications. The course focuses on various processes within software packages such as Melodyne, Reason and ProTools. Students participate in task-oriented projects where they are introduced to the procedures, methods, and operation of specialized software. 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

MUS 140 Introduction to Digital Music 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. Operate specific software programs with guidance and supervision as they apply to genre specific tasks and operations.	Lectures/Discussions Demonstrations and Practice Peer to Peer Review Lab Assignment(s)	Peer to Peer Review Portfolio
1. Appropriately tune and pitch correct prerecorded vocals.	Demonstrations and Practice Peer to Peer Review Lab Assignment(s)	Peer to Peer Review Portfolio
2. Explain and Use Basic Signal Routing via Control Voltage (CV).	Demonstrations and Practice Peer to Peer Review 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 Basic Software.
2. Pitch Correction.
3. Development of harmonies via Melodyne.
4. Ear training.
5. Introduction of control voltage.
6. Pattern sequencers
7. Low frequency oscillators (LFOs)

LEARNING MATERIALS:

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:
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 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.