

Montgomery County Community College
SRT 100
Intro to Pro Tools
3-3-0

COURSE DESCRIPTION:

This class is an introduction to Pro Tools, the industry-standard software for recording, editing and mixing music. Students acquire basic Pro Tools skills and become familiar with basic recording, editing and mixing skills as well as MIDI concepts and how to import and export audio session data. Students will also learn best practices for the home project studio. While no previous musical training is required, a working knowledge of the Windows or Macintosh operating system is needed.

REQUISITES:

Previous Course Requirements

None

Concurrent Course Requirements

None

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHOD
1. Utilize the vocabulary of home studio recording with Pro Tools, correct terminology and digital audio applications when producing projects.	Lectures/discussions Demonstrations and practice Student presentations Peer review Lab assignment(s)	Peer review In-class assignments and projects
2. Use studio equipment and multiple production techniques at a beginner level.	Lectures/discussions Demonstrations and practice Student presentations Peer review Lab assignment(s)	Peer review In-class assignments and projects
3. Utilize appropriate recording, editing and mixing techniques through projects and assignments.	Lectures/discussions Demonstrations and practice Student presentations Peer review Lab assignment(s)	Peer review In-class assignments and projects

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHOD
4. Utilize MIDI and Digital signal processing appropriate to the project in Pro Tools.	Lectures/discussions Demonstrations and practice Student presentations Lab assignment(s)	In-class assignments and projects
5. Organize materials and sessions which optimize workflow in Pro Tools.	Lectures/discussions Demonstrations and practice Lab assignment(s)	In-class assignments and projects

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 Associate Vice President of Academic Affairs. The benchmark for each learning outcome is that *70% of students will meet or exceed outcome criteria.*

SEQUENCE OF TOPICS

- Intro to the ATC Music Lab
- Macintosh Computers and Operating System and Audio Interface
- Pro Tools Overview
- Creating a Pro Tools session
 - Opening a session
 - Setting up a session
- Organizing Assets
 - The ProTools Project folder
- ProTools Interface and displays
- Basic Instrument and Audio Effects Plugins
- Importing MIDI and Audio data
- Basic Editing of MIDI and audio data using Pro Tools
- Recording Audio and MIDI into a Pro Tools Session
- What is Mixing
 - Basic Mixing
 - Bounce to tracks and disk
- Basic Signal Processing: Sequential and Parallel Processing
- Exporting Audio and Sharing Work
- Home studio equipment basics

LEARNING MATERIALS:

Instructor provided

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: Michael Kelly

Date: 3/29/2017

VPAA/Provost or designee Compliance Verification:

Date: 3/29/2017



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.