

Digital Sound 120

Digital Sound 120 will prepare students for the world of sound engineering. Students will receive hands-on training in Pro Tools and other industry standard audio software. Students will also develop the skills needed in sound recording to produce professional quality audio projects.



Unit 1

Introduction

Video Blog - The Greatest Album of All Time

The Science of Sound

What is Digital Sound?
Amplitude
Frequency
Timbre
Sound Propagation
Reverb & Delay

Hardware

Microphones (Types, Directionality)
Digital Audio Workstations DAW
Cables
Midi Controller
Signal Flow
Hardware connections

Software

Protools,
Audacity,
Adobe Audition

Unit 2

Live stereo recording

Multitrack Recording (Audacity, Audition)

Basic mixing techniques
The ProTools Mixing Board
Post Production

Unit 3

Recording Music

Click Track
Rhythm Tracks
Plug-Ins
Micing Techniques
Mastering
Final Mixdown
Working with Midi

Unit 4

Sound Design in Film, Animation & Video Games

Foley Recording
ADR
Ambient Sound
Dialog
Music

Sound effects creation

Foley recording

Evaluation

Class Mark – 15%
Assignments – 60%
Final Project – 25%

Teacher

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