

# Recording Course Syllabus

- 1 Introduction - Sound and Hearing
- 2 Microphone Design
- 3 Console A - common systems, functions and signal flow

## Quiz: Microphone types and patterns

- 4 Console B - structure and patch bay

## Quiz: Microphone identification

- 5 Amplifiers and Console Lab
- 6 Signal Processing A - frequency-based
- 7 Signal Processing B - dynamic-based
- 8 Signal Processing C - time-based
- 9 Review

## Quiz: Signal Processing

- 10 Analogue Tape Recorders
- 11 Magnetic Tape Media - noise reduction, analogue remote control, general review
- 12 Synchronization and Console Automation
- 13 Digital Audio Technology - hard-disk recorders, MDMs, DAT, etc
- 14 Graded Studio Drill and Lab

## Studio Drill

- 15 Digital Audio Workstation, Editing (analogue & digital), Mastering
- 16 MIDI and Electronic music - sequencing, sampling and editing
- 17 Studio Design - acoustics, monitors, live rooms, isolation booths
- 18 Microphone Techniques
- 19 Product Manufacturing
- 20 Final Written and Mix Test - bring in a band to record!

## Final Test