



## Advanced Studio Recording 10 week course

A sound education since 1976

This detailed 10 week evening course provides a comprehensive grounding in all the important principles and techniques employed in studio recording and mixing. Taught from scratch it assumes little or no previous knowledge and is therefore suitable for complete beginners, or those with a basic understanding who want to supplement their existing knowledge and gain a deeper understanding of the subject. Topics covered include: mixing desks, multitrack media, dynamics processors, time based effects, microphone types and placement, and mixing techniques. Automation and synchronisation of MIDI systems are also covered. Delegates have plenty of time to learn and practice recording and mixing skills on a wide range of professional equipment. The final few weeks are spent recording and mixing a live ensemble which may consist of a range of acoustic and electronic instruments.

### Course Content:

- Mixing desks: types, inputs, outputs, metering.
- Signal flow: routing, busses, monitoring.
- Patchbays, semi normalisation, parallels.
- Multitrack media: playing, recording, overdubbing, bouncing.
- Dynamics processors: EQ, sweep, parametric; compressors, side chains; expanders, gates, key inputs. Corrective and creative uses.
- Overview of time based effects: reverb types, room, hall, plate; delay effects, chorus, flanging, phasing; multi-effects.
- Auxilliary busses, pre and post fade, headphone mixes.
- Microphone types: polar patterns, dynamic, condenser mics.
- Microphone placement techniques, mono and stereo.
- Talkback techniques, dealing with musicians.
- Essential mixing methods, automation.
- Recording and mixing a band.

Delivery mode: 1 x 2 ½ hr evening practical session x 10 weeks  
(25 hours total)

Class Size: 8 maximum

Dates: Please check website for availability

Studio: Studios 2 and 4

All courses are taught in small groups in a professional environment to ensure each delegate will get as much out of the course as possible. The shorter 1 and 2 day courses are designed for delegates to get a basic understanding and practical experience for most essential aspects of the subject. We assume that delegates opting for these courses have little or no knowledge or experience. These courses are therefore taught from basic principles.

The 10 week evening courses allow the delegates to gain a deeper understanding of the underlying principles and concepts behind the technology and its wider applications. Delegates will also have a far more comprehensive practical experience, thereby gaining fluency, accuracy and confidence. Weekly sessions allow the information to be thoroughly assimilated, and give the opportunity to practice techniques and formulate plenty of questions between lessons.