

STUDIO PRODUCTION & MASTERING (MPSE)

COURSE OVERVIEW

Recording, editing, mixing & mastering.

This is where you can put your critical ear to the test, and challenge yourself as an engineer in our most advanced studios. Working to more challenging briefs, you will be able to perfect your recording and mixing techniques before developing new skills in mastering.

Through this module you will learn to produce work to the highest commercial standard, across a range of genres, while gaining insights into life in the industry, and advice on how to achieve your goals as a professional engineer.

COURSE CONTENT

Acoustics & psychoacoustics

Covering the key considerations of studio design and layout, you will analyse the behaviour of sound waves in enclosed spaces and measure the absorbency and reflection of a room. Looking into various acoustic treatments and materials, you will gain a thorough understanding of acoustics and the psychoacoustic phenomena.

Signal flow in advanced analogue and digital consoles

Using our most advanced studios, you will get to grips with the S6 M40 control surface, the Avid ICON D-Control ES control surface and the Neve VRP60/48 Legend mixing console. Learning the difference in signal paths across our studios, and applying your knowledge of recording principles in different settings you will also be developing your techniques working with vocal and piano recording, as well as recording for classical instruments.

Analogue tape recording

Introducing you to the process of recording to tape, you will gain practical knowledge of live recording to tape, as well as transferring a digital recording to tape. Starting with how to maintain and load our Saturn 624 2" 24-track tape machine, you will build confidence working with the audio path and levels, as well as striping a tape and syncing Pro Tools.

Advanced compression techniques and multiband compression

Looking at the theories behind both tape and hardware compression, you will develop your skills using a range of compressors and limiters including the Manley Variable MU compressor and the Avalon VT-747SP stereo compressor and EQ and learn to use parallel compression in your mixes.

Preparing masters and mastering techniques

Giving you the skills to finish your recordings to release standards, you will be applying EQ, compressors and limiters to your mixes, perfecting your technique and using both digital and analogue processes to prepare professional-quality masters.

DDP and Redbook standards

Introducing you to the industry standard specifications for mastered tracks, and the format used to deliver mastered audio for duplication, you will learn what is required during the mastering process to ensure maximum compatibility and playability when a track is released in audio CD format.

Copyright, marketing & PRS

Providing you with key knowledge on intellectual property in the music industry, and laws protecting your work, you will also build up a knowledge of the opportunities available to you as an engineer/producer including licencing and synchronisation, as well as marketing techniques you can apply as a freelance engineer.

Pro Tools 201 – Pro Tools Production

Further developing your skills in Avid Pro Tools, you will be working towards official 'Avid Certified Operator' certification. This study, combined with the Pro Tools 201 exam, will provide you with the fundamental knowledge required to continue your Pro Tools learning to achieve 210M or 210P certification. From optimising your system and configuring your professional sessions, you will progress to learn more advanced Pro Tools techniques including auditioning techniques, working with clip gain, advanced automation techniques, applying parallel processing and more.

KEY INFORMATION

Qualification

Spirit Studios Industry Diploma

Application Fee

£125.00

Tuition Fees

£1,890 (Single payment)

£2,100 (Monthly installments - 6 x payments of £350)

Funding

Information on funding for this course can be found [here](#).

Duration

6 months (part time)

Hours of Study

Tuesdays & Thursdays, 7pm-10pm

6 hours of delivery per week, plus studio time.

Start Date

Week commencing 2nd September 2019

Entry Requirements

To begin your studies at this level, you will need a good understanding of working practically in recording studios, with experience working on both analogue and digital desks / control surfaces while incorporating outboard gear into your workflow. You will also need to have a clear understanding of digital audio and microphone theory, and dynamic controllers. Prior to the start of your course, you will need to have achieved Pro Tools: 'User Certification' by completing Pro Tools 101 & 110 exams which we can help to arrange.

Without having first completed the 'Introduction to Music Production' and 'Applied Sound Engineering' modules, our Course Adviser will assess your experience level during an informal interview, prior to your application being accepted.

APPLY

Applications to this course are made directly through the [Spirit Studios website](#).

Contact details

For an informal discussion and further details about the course please contact our Course Adviser, Daniel Buxton (daniel.buxton@spiritstudios.ac.uk) Tel: +44 (0)161 276 2100



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