

# Avid PRO TOOLS



Knowledge of Avid Pro Tools opens the door to a whole host of opportunities in the world of audio production, across a range of media industries. Whether you're interested in composition, sound recording, sound design, broadcasting or post production, your path to success depends on your Pro Tools skills.

Since becoming Europe's first Authorized Pro-School, SSR's certified instructors have trained some of the most respected audio professionals in the industry, including renowned rock and pop engineers, live engineers and instructors from other Pro Schools across Europe.

We are pleased to offer a full range of Pro Tools training as stand alone courses. These courses run from beginner to expert level and are of two or three day duration. They are typically run over weekends although weekday options are available.

For the full range of Pro Tools courses please visit our website: [www.s-s-r.com](http://www.s-s-r.com)

101

Pro Tools 101, for the audio enthusiast with little or no Pro Tools experience. Introduction to Pro Tools covers basic principles from initial digital studio set up to final mixdown. Whether your project involves the recording of live instruments, MIDI sequencing of software synths, or audio looping, 101 training is the first step towards mastery of the Pro Tools system.

**Prerequisites:** Basic computer skills, Basic understanding of recording techniques

**Course Length & Structure:** A weekend delivery consisting of 2 x 8 hour sessions

110

Pro Tools 110 certified training expands upon the basic principles taught in 101. The three day course introduces the core concepts and skills you need to operate a Pro Tools LE system, running larger sessions with up to 48 tracks of MIDI and audio. Topics are followed by practical exercises that take you through the Pro Tools functions. The material presented in this course provides the foundation for the later 200 -level music and post production training.

**Prerequisites:** Successful completion of the 101 course

**Course Length & Structure:** A weekend delivery consisting of 3 x 8 hour sessions

201

Pro Tools 201 introduces you to the powerful HD system; by far the worlds most widely used production suite, used in the majority of recording studios and post production houses across the globe. This course introduces you to the production skills needed at the top level of the industry.

**Prerequisites:** Successful completion of the 101 & 110 courses

**Course Length & Structure:** A weekend delivery consisting of 3 x 8 hour sessions

**GET CONNECTED**

[www.ssrlondon.co.uk](http://www.ssrlondon.co.uk)

0161 276 2100 (select option 3)



## 210M

The 210M is a 3-day course that covers all techniques for working with Pro Tools in a professional music production environment. 210M will take you to the next level of music production using the powerful HD system. Upon successful completion of the 210 coursework and on-line exam, you will become a certified Pro Tools Operator, and will be registered as such on the Avid official website.

**Prerequisites:**

Successful completion of the 101, 110 & 201 courses

**Course Length & Structure:**

A weekend delivery consisting of 3 x 8 hour sessions

## 210P

The 210P 3-day course covers the specific techniques for working with Pro Tools in a professional post production environment. The main topics of this course are followed by exercises that allow you to practice the concepts taught in class. Upon successful completion of the 210 coursework and on-line exam, you will become a certified Pro Tools Operator, and will be registered as such on the Avid official website.

**Prerequisites:**

Successful completion of the 101, 110 & 201 courses

**Course Length & Structure:**

A weekend delivery consisting of 3 x 8 hour sessions

## 310M

Pro Tools 310M: Advanced Music Production Techniques focuses on the advanced operation of Pro Tools in a professional music production environment. This course offers technical insights into both Pro Tools hardware and software.

**Prerequisites:**

Successful completion of the 101, 110, 201 & 210M courses

**Course Length & Structure:**

A weekend delivery consisting of 3 x 8 hour sessions





# Film & Television Audio Post Production



At a glance

Duration	1200 hours over 72 weeks
Learning format	Lectures and workshops (set times); studio time (flexible hours bookable in advance plus drop in)
Qualification(s)	SSR Advanced Diploma, Pro Tools 101 - 210P
Course Starts	October
Classes Run	Evening
Entry Requirements	Entry by interview – No formal requirements
Fees	£8,910 (single payment) or £9,900 (Initial payment of £1,100 plus 16 monthly installments of £550) plus £500 enrollment fee

## Overview

The SSR Advanced Diploma in Post Production has been developed in conjunction with leading Post Production companies. The course produces graduates with cutting edge expertise in audio Post Production along with video editing skills using Final Cut Pro and Avid. Our tutors use rushes from real world programmes including the legendary Coronation Street and The X Factor. Moreover we specifically develop team working and client managing expertise which are essential to stay on top in this vibrant industry.

## Key features

- 18 months duration
- Part time and full time options
- Top up option in digital camera skills
- Pro tools certification
- Unrivalled studio time
- Day and evening access to facilities
- Industry active tutors
- Careers support
- Connections to SSR's key industry employers



**GET CONNECTED**

**[www.ssrlondon.co.uk](http://www.ssrlondon.co.uk)**

0161 276 2100 (select option 3)



# What will I learn?

This comprehensive course is delivered using both the PC and MAC platforms. The course covers a variety of industry hardware and software including Pro Tools and Final Cut Pro. As well as the technical aspects of the training, the course also focuses on the mechanics of the industry, specific working practices, soft skills and cross disciplinary roles.

**1**

**Sound Engineering Basics**

**Principles of Sound**

**Psychoacoustics**

**Studio Techniques**

- Signal flow
- Equalisation
- Compression
- Spatial effects

**Software Introduction**

- Pro Tools (up to 110)
- Final Cut Pro
- Avid Media Composer

**Introduction to film and video**

- transmission
- signal
- frame rates
- etc.

**Introduction to typical post production workflows**

**Practical time**

- Short projects (advertisements, trailers) – develop basic video and sound editing / recording skills

Introduction to Sound and Video

**2**

**Using Pro Tools Time Division Multiplexing (TDM) systems for Foley and Automated Dialogue Replacement (ADR) recording, track laying and editing**

**Using ICON consoles**

- 5.1 surround mixing
- Advanced Post Production
- Workflows

**Software Training**

- Further Pro Tools training (up to 210P)
- Final Cut Pro
- ADR theory and practice
- Field recording
- Sound FX generation (theory / practice)
- Foley recording (theory / practice)
- In-depth mixing (theory / practice)

**Practical time**

- Medium scale projects (excerpts from TV series, movie sequences) – introduction to the many job roles encountered in typical post production environments (track laying, ADR recording, dubbing, editing, Foley work, etc.).

Audio Post Production techniques

**3**

**Access to Advanced studios + practicing**

- recording
- mixing
- editing

**Introduction / access to facilities of our industry partners.**

**Software Training**

- Further Pro Tools (up to 310P) / Final Cut Pro / Avid Media Composer tuition

**Advanced tuition on subjects introduced in Module 2 (ADR, Foley, Mixing, etc.)**

**Industry related practice**

- large-scale projects, (e.g. full TV episodes, documentaries, etc.)
- working in teams, project exchange through different stages, working towards tight deadlines.
- Specific company research and job application.

Advanced Audio Post Production



# Digital Film and Music Video Production



## At a glance

<b>Duration</b>	1200 hours over 72 weeks
<b>Learning format</b>	Lectures and workshops (set times); studio time (flexible hours bookable in advance plus drop in)
<b>Qualification(s)</b>	SSR Advanced Diploma
<b>Course Starts</b>	October
<b>Classes Run</b>	Daytime
<b>Entry Requirements</b>	Entry by interview – No formal requirements
<b>Fees</b>	£8,910 (single payment) or £9,900 (Initial payment of £1,100 plus 16 monthly installments of £550) plus £500 enrollment fee

## Overview

This comprehensive course uses the format of the music video and short film to deliver all the necessary skills for video production in any given genre. The course starts with an historical view of the evolution of music video with fundamental principles of video production such as scripting, storyboarding and planning of the shoot.

All principles are covered in fine detail including filming and editing and a host of more advanced processes such as special effects, computer generated imagery, audio processing, grading, compositing and the process of Post Production using Apple and Avid systems. Practical work explores many different styles of production and includes both on-site and location filming.

## Key features

- 18 months duration
- Careers support
- Connections to SSR's key industry employers
- Option for formal OCN level 3 accreditation
- Part time and full time options
- Leading industry software training
- Plenty of opportunities to collaborate with students from the Music courses
- Internet Viral Campaigns and Shooting for Web based promotion
- Prepares students for The Pitching process
- Graduate with a professional show reel which will include a live performance video; a music video; a short film; an EPK; an Internet Viral video



**GET CONNECTED**

**[www.ssrlondon.co.uk](http://www.ssrlondon.co.uk)**

0161 276 2100 (select option 3)



**1**

## Phase 1

The History of Film  
and Music Videos

The Science of  
Video and Audio

Storyboarding

Planning a Shoot

Introduction to  
Camera Skills

Introduction to  
Lighting

Introduction to  
Editing

Project 1

**2**

## Phase 2

Planning a Production

Audio & Video Formats

Location Sound

Foley and Sound  
Effects

ADR

Advanced Editing

Advanced Camera  
Skills

Advanced Lighting

Project 2

**3**

## Phase 3

Pitching

Audio Mixing

Colour Grading

Motion Graphics

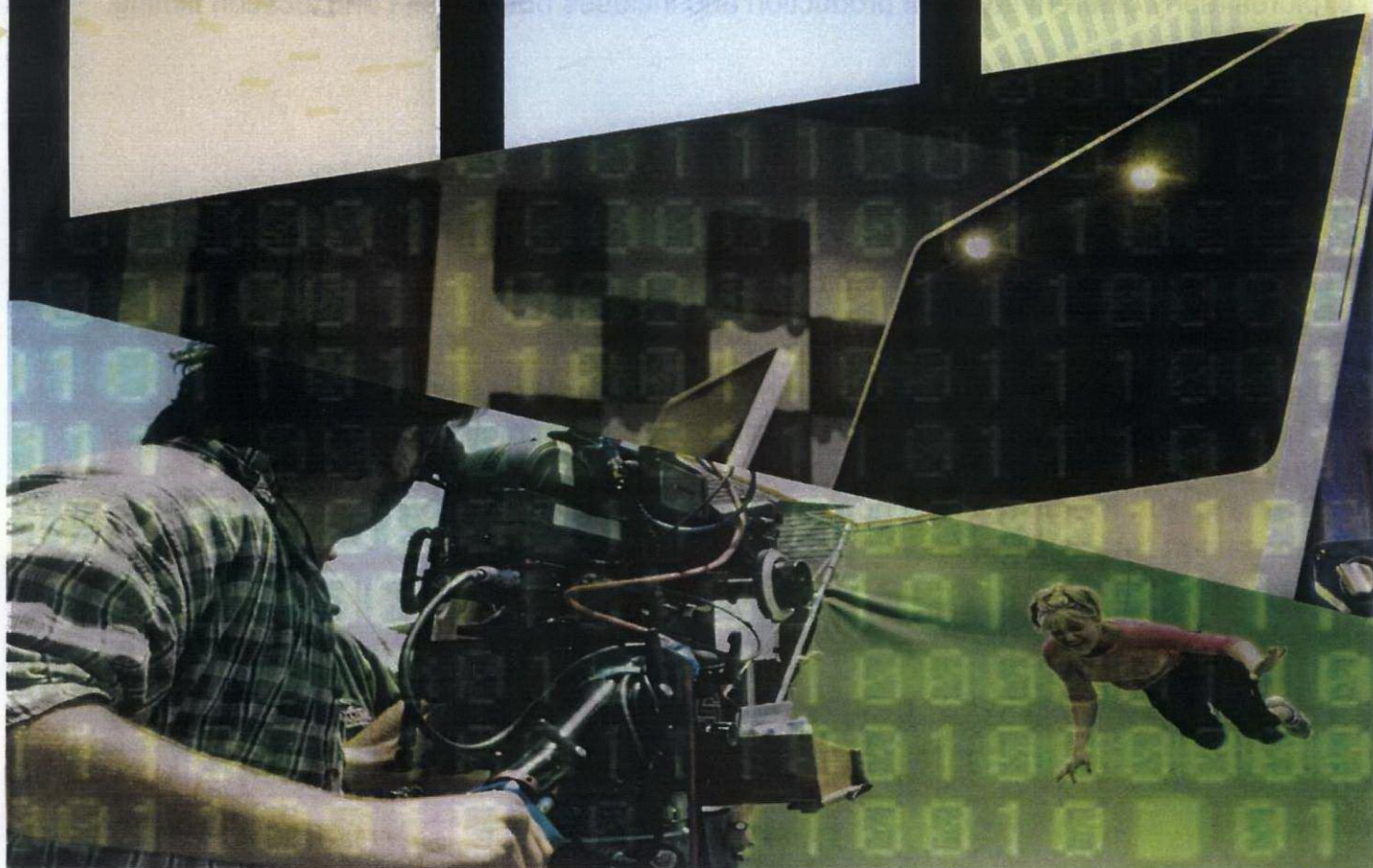
Keying – Working with  
Green Screens

Working in 3D

Special Effects

Final Output

Final Project(s)





# Audio Engineering Techniques & Technology



At a glance

Duration	1200 hours over 72 weeks
Learning format	Lectures and workshops (set times); studio time (flexible hours bookable in advance plus drop in)
Qualification(s)*	SSR Advanced Diploma, Pro Tools 101, 110, 201
Course Starts	October / March
Classes Run	Daytime or Evening
Entry Requirements	Entry by interview – No formal requirements
Fees	£8,910 (single payment) or £9,900 (Initial payment of £1,100 plus 16 monthly installments of £550) plus £500 enrollment fee

\* Logic Pro 101 Optional Exam + Courseware

## Overview

Designed by experts working in the music and media industry, this 18 month course will give you in-depth knowledge of:

- Sound Engineering
- Recording Techniques
- Music Production
- Pro Tools and Logic
- TV and Film Audio Post Production
- Mastering

The course prepares you for a variety of roles including Recording Engineer, Mix Engineer, Post Production Engineer, Broadcast Engineer, Sound Designer, Composer, Mastering Engineer, Studio Technician and Acoustic Designer.

## Key features

- 18 months duration
- Part time and full time options
- Top up 6 month option in Live sound
- Pro tools certification
- Unrivalled studio time
- Day and evening access to facilities
- Industry active tutors
- Option for formal OCN level 3 accreditation

GET CONNECTED

[www.ssrlondon.co.uk](http://www.ssrlondon.co.uk)

0161 276 2100 (select option 3)





**1 The recording chain****Principles of sound****The mixing desk**

- Introduction to analog desk
- Basics signal flow
- The Patch bay
- Cables & Connectors

**Recording Techniques**

- Concepts of multitrack recording
- Microphone theory, placement & Techniques

**Critical listening****Media storage & Documentation****Pro Tools 101 & 110****EQ and Equalisation**

- Types of EQ and use
- The human ear

**The role and use of FXs**

- Reverbs
- Delay & Time modulation FXs

**Dynamic controllers**

- Introduction to Gates and Expanders
- Compressors & Limiters
- Creative FXs with dynamic controllers

**Basic Studio Maintenance****Band recordings**

- Session procedure
- Artist liaison

**2 Studio Practicals**

- Working with Pro Tools HD
- Using control surfaces and digital consoles
- Mixing techniques & Advanced workflows
- Hardware VS Software FXs & Dynamic Controllers

**Advanced Software Tools and techniques**

- Advanced Beat detective
- Sound Replacer
- Vocalign
- Melodyne

**Music Production**

- Introduction to Reason
- Sampling & Synthesis
- Sound manipulation and creation

**Logic Pro****Pro Tools 201****3****Advanced Analog and Digital Consoles using SSR's NEVE VR Legend & Digico's SoundTracs DS-00****Analogue Tape & Synchronisation**

- SMPTE & LTC
- Workclock & MIDI Timecode
- Tape Alignment & Maintenance

**Advanced Microphone & Recording Techniques**

- Strings Recording
- Brass Recording
- Choir Recording

**Post Production for TV & Film**

- Post Production Introduction
- Foley & SFX
- ADR
- Mixing Techniques for TV/Film
- Surround Sound Mixing

**Acoustics**

- Acoustics & Psychoacoustics
- Studio Acoustics & Design

**Mastering**

- Loudness Vs Clarity
- EQ & Multiband Compression
- Editing & Completion

**Copyright**

- Copyright Law
- Working Freelance





GET CONNECTED

# Application Form

Please refer to our list of courses, dates & prices before completing this form

## Course Details

Course Title:

Campus:

London / Manchester

(Delete as appropriate)

Start date:

Year:

Day / Evening

(If applicable)

## Applicant Details

First Name:

Surname:

Title:

Mr. ☐ Mrs. ☐ Miss. ☐ Ms. ☐

House Name / Number:

Road:

Area:

Town/City:

County/State:

Country:

Postcode:

Telephone:

Home:

Work:

Mobile:

Date of Birth:

Email:

Where did you hear about us?

Occupation:

Relevant Experience (if any):

Educational Qualifications:

Occupational Aims:

Hobbies & Interests:

of Sound Recording

Manchester M1 7JE T: +44 (0)161 276 2100 F: +44 (0)161 272 7242 E: enquiries@s-s-r.com W: www.s-s-r.com





GET CONNECTED

## Application Form

## Payment Details

I enclose a cheque / postal order for £ \_\_\_\_\_ made payable to 'Spirit SSR Ltd.' ☐I authorise the School of Sound Recording to debit my card account by £ \_\_\_\_\_ ☐Type of Card: Visa ☐ Mastercard ☐ Switch ☐ Solo ☐ Other: \_\_\_\_\_

Card Holder details (if different from student details):

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Postdate: \_\_\_\_\_

Card No: \_\_\_\_\_

Expiry Date: \_\_\_\_\_

Issue No. (Switch / Solo only): \_\_\_\_\_

Start Date (Switch / Solo only): \_\_\_\_\_

Security Code: \_\_\_\_\_

[this is the last 3 digits printed on the signature strip on the reverse of your card]

## Terms and Conditions

## Definition of Terms:

'School' means the School of Sound Recording (SSR), 65-69 Downing Street, Manchester, M1 7JE.

'Student' means the signatory to whom these terms and conditions apply.

'Course' means the series of lectures, practical time and assessments for which the student is enrolled.

'Studios' means the recording studios, live venue, computer suites and learning stations located within the School premises.

'Practical time' means time allotted to the students to work in the studios.

To enrol for any of the courses (excluding the higher education courses) a person must correctly complete this application form and return it to the school with the appropriate enrolment fee.

All enrolment fees are non-refundable. They are however transferable between semesters.

Course fees are non-refundable, except in the event of the School cancelling the course.

Late payment of course fee instalments, where applicable, will result in the student forfeiting their practical time and use of the studios.

A student who is repeatedly late in paying course fees may be suspended from the course.

The school reserves the right to change any of the course fees at any time. However once a student has enrolled on a course any subsequent price changes will not apply to that student.

## Declaration

I have read the terms and conditions and, if accepted, agree to abide by the rules and regulations laid down by SSR.

Print Name: \_\_\_\_\_

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

## For official use only

Taken by: \_\_\_\_\_

Date: \_\_\_\_\_

NB: ☐ Conf: ☐ 4 week: ☐ Reg Amnt: ☐ Pay Code: ☐ int time: ☐ int res: ☐Return this form to: Applications, School of Sound Recording, 65-69 Downing Street, Manchester M1 7JE  
0161 275 1100 | enquiries@s-s-r.com | www.s-s-r.com



# COURSES, DATES & PRICES SSR LONDON 2011

## Industry Courses

All Industry Courses require an enrolment fee of £500. This fee is non-refundable unless the school is unable to offer you a place

COURSE TITLE	NEXT INTAKES	DURATION	PRICE		
			Single Payment	Installments	Installment Option Monthly
Audio Engineering Techniques & Technology	Sept 2011, Mar 2012	18 Months	£8,910	£9,900	Initial £1,100 + 16 x £550
Audio Engineering (For International Students)	Oct 2011, Mar 2012	6 Months (Intensive)	£4,500	N/A	N/A
Live Sound	Oct 2011, Mar 2012	6 Months	£3,780	£4,200	Initial £1,400 + 4 x £700
Music Technology	Sept 2011, Mar 2012	6 Months	£2,300	£2,500	2 X £1250
Film/TV/Games Audio Post Production	Sept 2011, Mar 2012	18 Months	£8,910	£9,900	Initial £1,100 + 16 x £550
Electronic Music Production	Sept 2011, Mar 2012	6 Months	£2,300	£2,300	2 X £1150

For information on financial assistance to support your learning, please visit  
[www.direct.gov.uk/adultlearning](http://www.direct.gov.uk/adultlearning) or contact 0800 100 900

## Short Courses

Full payment must be made on enrolment

COURSE TITLE	COURSES START	DURATION	PRICE
Music Business	Every Weekend in August 2011	2 Days	£325
Hotwired S.T.R.I.K.E.	Every Weekend in Sept 2011	1 Day	£295
Hotwired Live	Every Weekend in Sept 2011	2 Days	£495
Pro Tools 101		16 hours (2 days)	£300
Pro Tools 110		24 hours (3 days)	£500
Pro Tools 210 M		24 hours (3 days)	£750
Pro Tools 210 P		24 hours (3 days)	£1,200
Pro Tools 220		16 hours (2 days)	£400

See website or telephone