

in~Studio

Music Technology Education



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Music Technology Education

14608 John Humphrey Drive
Orland Park, IL. 60462
708-770-1332
admin@instudiomusic.com

Academic Catalog

Music Production and Technology Program

Music Technology
Audio Engineering
Producing

Instructors:

Paul R. Murphy
Kyle McMahan
Gianni Basile
Mike Lalas

Master class instructors:

Timothy Grossi
Slavic Livins

Courses:

Acoustics

- Acoustics defined
- Physics of Sound
- Sound phenomena's
- Psychological aspects of Sound
- Ear Training
- Studio room design equations
- Student studio room design project

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Electronics

- Electronics Theory
- Electronic Components
- Principles of Electricity
- Signal Flow
- Microphones
- Speakers
- Transistors / Capacitors / Coils / Transformers / Magnets
- Ohms Law / Power Equation
- Cables
- Soldering

AVID Pro Tools 101

- Create a session
- Audio recording
- Import media
- MIDI Recording
- Select and Navigate
- Apply editing techniques
- Apply mixing techniques
- Create Music and Post Hands-on Projects

AVID Pro Tools 110

- Configure your studio session
- Control Pro Tools using external controllers
- Manage session data and media files
- Record MIDI and audio, using loop recording and advanced techniques
- Work with time scales and virtual instruments
- Work with AVID Elastic Audio
- Edit and quantize MIDI and Audio
- Use audio editing and file management techniques
- Apply editing techniques such as the use of Clip Loops
- Enable, play, view, and edit automation data
- Mix using sends, returns, plug-ins, Master Faders, and groups

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Ableton Live

- Live Preferences
- Session View / Arrangement View
- Live Browser
- Software Instruments / Live Racks
- Recording and Editing MIDI
- Warping Audio
- Devices / Controllers
- Live Mixer / Mixing Techniques / Automation
- Exporting Audio

Songwriting with Guitar

- Tunings
- How to practice and increase dexterity
- Chords / Power chords / Open shape chords
- Basic Triads
- The CAGED system
- Scales and intervals
- Major and Minor Pentatonic Scale
- The natural major and minor scale
- Scale application and intervallic importance
- Composing melody lines with scales
- Advanced scales
- Songwriting with the Guitar
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Song Analysis

- Critical listening exercises
- Mixing maps of popular songs
- Identify and recognize instrumentation
- Identify arrangements per song section
- Apparent volume levels of arrangements per song section
- Develops production and arrangement concepts and skills
- Develops the process of the making of a song in the studio

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Recording

- Signal Flow
- Microphones and Placement
- Cables
- Wall box
- Patch bay
- Hardware
- Software
- Session protocols
- Blueprints to recording instruments
- Vocal recording techniques
- Student records original music
-

Editing

- Editing Tools
- Audio
- MIDI
- Vocal Align / Pitch correction
- Auto Tune / Quantization
- Real Time Properties
- Elastic Audio
- Edit window
- MIDI Editor
- Vocal rides
- Sound replacer
- Samples
- Student edits their recorded music.

Mixing

- “The Path to Balance”: XYZ of Mixing by Paul Murphy
- Mixing maps to reference popular song mixes
- Fader Balances / Automation
- Gain processors: EQ / Dynamics
- Time based processors: Delay / Reverb
- Panning techniques / Groups / Stems
- Master Fader / Dither / Inserts: software and hardware
- Bounce to Disk / Bounce to Tracks
- Student mixes their original recorded and edited music.

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Mastering

- Equalization: Software plugins / Analog Hardware
- Dynamics: Compressors/Limiters
- Volume Optimization
- Song Continuity
- Mastering Software
- Mastering Hardware
- File types / File delivery
- Sample rate / Bit depth
- Master mixed projects

Music 101

- Time Aspects of Music:
- Note durations / Note groupings
- Rhythm / Time Signature / Meter
- 40 International drum rudiments
- Drum score sheets
- Rock beats / Funk beats
- Jazz swing / Samba
- Drum performance activities

Music 201

- Pitch Aspect of Music:
- Piano keyboard layout: Pitch Classes/Octaves
- Staff Lines / Ledger Lines
- Clefs: G / F / C
- Identify pitches, pitch durations, groupings
- Key signatures / Circle of 5ths / Scales
- Finger techniques
- Score notation / Sight reading
- Chord Qualities: Major / Minor / Augmented / Diminished Chords
- Triads / Inversions
- Harmony
- Bach Minuets
- Hanon – The Virtuoso – Pianist
- Piano performance activities

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Music 301

- Counterpoint: Species 1-5 / Cantus firmus / Counterpoint
- Motion: Static / Similar / Parallel / Contrary / Oblique
- Melody writing and contours / cantus firmus / the given melody
- Create chord progressions following voice-leading techniques
- Harmony Methods
- Pop and Rock Music: Harmony / Chord Progressions
- Key changes: Modes / Relative / Parallel / Modal Mixture
- 7th chords / Add 9/ 11 / #11 / 13
- Musical Forms
- Motifs / Cadences / Phrases / Periods / Sentence
- Three voice and four-voice composition
- Analyze classical composers music and modern music forms
- Compose music in the above forms

Lyric Writing

- Destination writing / Sensory writing / Images and Words
- Connecting with the listener / human experience
- Song structure / Lyrics and Melody / Rhyme Types
- Meter / Phrasing: Four line / Six line
- Writing the Verse: Who, When, Where, believable small moments
- Plot progression, External details, Internal details
- Writing the Chorus: Why of song
- Writing Song Titles: Places, Colors, Question, etc.
- Writing the Second Verse: Plot progression
- Constructing a Pre-Chorus
- Constructing a Bridge: a strong statement, key change
- Conversational Quality
- Fixed do Solfège / Ear training to create vocal melodies / Intervals

Music Business

- How to copyright a song/album: Library of Congress
- Performing Rights Organizations: ASCAP/BMI
- Contracts: Work for Hire, Artists, Record Label
- How to stream music
- How to distribute music on aggregate accounts as iTunes
- Online digital distributors
- Creating artist website / How to create a social media presence

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Music Technology Education

Objectives:

Developing students to have the skills to compose, record, edit, mix, and master music professionally. This encompasses the field of Music Production and Technology.

Academic content, activities, rigorous exercises with access and involvement in professional recording sessions enables our students to be in a conducive environment to become accomplished and successful in music production and technology. Networking is important and our students are provided this all-important opportunity. Students participate in commercial recording sessions to observe and contribute.

Ultimately each student produces his/her own complete “Long Play” LP record in the capacity of a music producer, recording engineer, and songwriter. This is a defining accomplishment and experience. Students utilize and apply to their project the content from courses with hands on experience in live recording sessions and completes over the program a complete “long play” LP album recording at the professional level. Student undergoes rigorous and intensive training in the time and pitch aspects of music so as to be able to compose music. Students learn by doing. Music training is a core to the student success in developing a commercial ready release of their works.

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Tuition

Program:
Music Production / Recording Engineering Program

Learn how to:
Compose, Create, Produce and Engineer music for commercial purposes.

Courses	Hours	Tuition
Acoustics	24	\$ 1,200.00
Recording	24	\$ 1,200.00
AVID Pro Tools 101	24	\$ 1,200.00
AVID Pro Tools 110	24	\$ 1,200.00
Music 101	24	\$ 1,200.00
Music 201	24	\$ 1,200.00
Music 301	24	\$ 1,200.00
Ableton Live	24	\$ 1,200.00

Courses	Hours	Tuition
Electronics	24	\$ 1,200.00
Editing	24	\$ 1,200.00
Song Analysis	24	\$ 1,200.00
Song Writing	24	\$ 1,200.00
Lyric Writing	24	\$ 1,200.00
Mixing	24	\$ 1,200.00
Mastering	24	\$ 1,200.00
Music Business	24	\$ 1,200.00
Total	384	\$19,200

Lab time in studio for student recording.	24	Included for full time student
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<u>Courses</u>	<u>Textbooks for Courses</u>	<u>Fee:</u> Prices subject to change
Acoustics	Master Handbook of ACOUSTICS F. Alton Everest	\$ 45.00
Recording	Chef Paul's in-Studio cookbook Paul R Murphy	\$ 25.00
AVID Pro Tools 101	Pro Tools Fundamentals I PT 101 V.12 Frank D. Cook	\$ 35.00
AVID Pro tools 110	Pro Tools Fundamentals II PT 110 V.12 Frank D. Cook	\$ 50.00
Music 101	in-Studio Music 101 Time Aspects of Music How long the note sings Paul R Murphy	\$ 25.00
Music 201	in-Studio Music 201 Pitch aspects of Music Identify, recognize, apply Paul R Murphy	\$ 25.00
Music 301	in-Studio Music 301 Inventing Music: Creating compositions 4 Part writing for video games and movies Paul R Murphy	\$ 25.00

Ableton Live	Software Manual included	\$ 0.00
Electronics	Basic Electronics Theory Delton Horn	\$ 35.00
Editing	in-Studio Editing Digital Editing Paul R Murphy	\$ 25.00
Song Analysis	in-Studio Song Analysis A Music Producers Perspective: The Song & The Sound Song structures, instrument arrangement, volume levels, panning, from the song and the sound of music producers and audio engineers. Paul R Murphy	\$ 25.00
Song Writing	in-Studio The Making of the Song Melody, harmony, chord progressions, rhythm, beat, lyrics, instrument arrangement, structure, form, and sound.	\$ 25.00
Lyric Writing	Popular Lyric Writing 10 Steps to Effective Storytelling Andrea Stolpe	\$ 15.00

Mixing	<p>in-Studio Mixing The Path to Balance: XYZ of mixing</p> <p>Paul R Murphy</p>	\$ 50.00
Mastering	<p>in-Studio Mastering</p> <p>Mastering music</p> <p>Volume optimization, Hardware, software, EQ, Compression, Limiting, Stems, Meters, File types, Delivery</p> <p>Paul R Murphy</p>	\$ 50.00
Music Business	<p>in-Studio</p> <p>Music Business Resource</p> <p>Copyrighting songs, Performing Rights Organizations, digital music distribution services, website creation, agents, managers, record labels.</p>	\$ 25.00
TOTAL:		\$ 480

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Tuition

Phase: 12 Weeks

Total Phases: 4

Total Weeks: 48

Courses per Phase: 4

Total Courses: 16

Tuition per Course: \$ 1,200.00

Tuition per Phase: \$ 4,800.00

Total Tuition for 16 Courses: \$ 19,200.00

Textbooks per phase: \$ 120.00

Total Fee for Textbooks \$ 480.00

Payments due 30 days prior to each Phase start date.

Order of payments:

Payment 1: \$ 4,920.00

Payment 2: \$ 4,920.00

Payment 3: \$ 4,920.00

Payment 4: \$ 4,920.00

Tuition payment options:

Cash / Check – in-Studio / Quick Pay Zelle – musicstudio9@gmail.com

Cash App - \$PaulFMG / Venmo - @Paul-Murphy-60

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Music Production and Technology Program

One - Year Program

Program start and end dates for each Phase:

January – March

April - June

July - September

October – December

Student start date is based on time of enrollment to the nearest phase quarter.

Example 1, student enrolls on March 9th, student begins on April 3rd

Example 2, student enrolls May 20th, student begins July 6th.

REFUND / CANCELLATION POLICY

Tuition Refund Policy:

Up until 30 Days into course(s) program with a 10 % administrative fee of total.

Should the student's enrollment be terminated or should the student withdraw for any reason, all

refunds will be made according to the following refund schedule:

- a- Any class, which has started is non-refundable.
- b- Any class, which has not been initiated, shall be refunded.

The balance if any shall be sent no less than 30 days after cancellation.

Withdrawal Procedure: inform the instructor and administration in person and in writing.

In-Studio student data:

The number of students enrolled in the program as of July 1st of the reporting period was 26. New start dates for 16 new students are projected for September 2022. Re-enrollments were 26 for September 2021. No existing students withdrew from program. Four existing full time students are projected to complete program by end of August 2022.

One student of ours completed program and is actively working as a music producer, he relocated to Southern California and is working with a team of songwriters, producers, musicians, and singers. They opened a studio in Costa Mesa, California.

Three of our students completed their second 12-song long play record. They are marketing and playing live to promote their work.

Previous students of ours have opened up their own studios and have been working professionally and commercially as engineers, songwriters, and composers.

in-Studio is currently not accredited with the US Department of Education. Certificate of completion is not transferrable to a college or University. The value of the certificate is in the music industry recognizing the instructor's and the administrators' professional experience in commercial music production and technology. We have been professionally working in music production and teaching music production and technology for 25 years. We are members for the National Association of Recording Arts, known as the Grammy Awards, Platinum award recipient engineers, studio owners, experienced post secondary instructors. Resulting in our in-Studio Certificate of Completion having credibility and weight in the music industry from producers, engineers, and professional musicians.

Students of ours have taken and passed the AVID official course exams for:
Pro Tools 101 and Pro Tools 110

Students whom have completed the program have been working as songwriters, music producers, and engineers. Typically the rates for work start at \$25 per hour and upwards to \$50 per hour. Songwriters and producers, also typically include a percentage of future sales on units. Fee rates for songwriters can range from \$250 per song to \$1,000 per song typically. Music producers whom sell beats charge a nominal fee of \$35 for client use and have a contract that is based on a percentage of unit sales, this percentage is determined by the producer.

As per the student acknowledgements section of the Enrollment Agreement regarding complaints the following applies.

I understand that complaints, which cannot be resolved by direct negotiation with the school in accordance to its written grievance policy, may be filed with the Illinois Board of Higher Education, 431 East Adams Street, 2nd Floor, Springfield, IL 62701 or at www.ibhe.org.

"COMPLAINTS AGAINST THIS SCHOOL MAY BE REGISTERED WITH THE BOARD OF HIGHER EDUCATION". (Section 37 of the Act) (See Section 1095.250.)