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# Music Production Pro Course Syllabus

Duration : 6 months (24 weeks)  
3 classes / week

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This course will provide aspiring music producers with the knowledge and skill to put together high quality musical recordings. You'll learn a large set of tools & strategies that you will need to evolve your song into a balanced musical arrangement.

**This Course is split into 6 Modules :**

**Music Theory**  
**Sound Theory**  
**The Producer Mindset**  
**Producing Music In Ableton**  
**Mixing & Mastering**  
**Studio Sessions**

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## 1. Music Theory

(Week 1 - 3)

Learn fundamentals of music essential to craft musical ideas and develop them into complete songs according to your production style.

- **Fundamentals of Music** (*Week 1*)

- Notes
- Major & Minor Scales
- Circle of Fifths
- Triads
- Diatonic Chords in Major & Minor Keys
- Common Chord Progressions

- **Harmony & Chord Variations** (*Week 2*)

- Sevenths in Major & Minor Keys
- Ninths in Major & Minor Keys
- Common Chord Progressions using Sevenths & Ninths
- Harmonic & Melodic Minors
- Suspended & Augmented Chords
- Non Diatonic Chords in Major & Minor Key

- **Time Signature** (*Week 3*)
  - Beats, Bars & Phrases
  - Understanding Time Signatures
  - Types of Time Signatures
  - Effects on Song Arrangement

*(Assignments & Class Projects on Module)*

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## **2. Sound Theory**

(Week 4 & 5)

Study the nature & behaviour of sound and its properties. Learn various effects and techniques used to manipulate audio.

- **Understanding Sound** (*Week 4*)
  - Frequency
  - Amplitude
  - Behaviour of Sound
- **Dynamics** (*Week 4*)
  - Peak & RMS
  - Dynamic Range
  - Dynamic Processors
  - Compression
  - Gate
  - Limiter
- **Acoustic Envelope** (*Week 4*)
  - Understanding ADSR
  - Envelope of Traditional Musical Instruments
- **Reverb & Delay** (*Week 5*)
  - Understanding Reverb
  - Pre-Delay & Size
  - Types of Reverbs
  - Understanding Delay
  - Types of Delays

- **Microphones, Monitors & Cables** (*Week 5*)

- Condenser Mics
- Dynamic Mics
- Types of Monitors
- Types of Cables

- **Acoustic Spaces & Studio Setup** (*Week 5*)

- Effects of Spaces on Sound
- Reflection of Sound
- Sound Absorption
- Sound Proofing
- Setting Up your Studio Space

*(Assignments & Class Projects on Module)*

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### **3. The Producer Mindset**

(Week 6)

Learn how to emotionally and technically analyse music. Establish your identity as an artist & develop a vision for your song.

- **Job of a Producer** (*Week 6*)

- Building Listening Skills
- Emotions & Techniques in Music
- Deconstructing a Recording
- Understanding Instruments, Genres & Cultures

- **Producer Identity** (*Week 6*)

- Defining Artist Identity
- Defining Artist Intention
- Building your Signature Sound

- **Vision for a Song** (*Week 6*)

- Creating a worksheet
  - Sonics of the Song
  - Instrumentation & Arrangement
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## 4. Producing Music In Ableton

(Week 7 - 20)

Develop the art of music production and the necessary skills for producing high quality musical recordings according to professional standards.

- **Introduction to Ableton** (*Week 7*)

- Interface & Shortcuts
- Audio & MIDI Tracks
- Software Instruments

- **Programming Drums** (*Week 7*)

- Working in Drum Rack
- Velocity
- Quantisation
- Groove
- Drums in Popular Genres

- **Midi Arrangement & Audio Recording** (*Week 8 & 9*)

- Understanding Piano Roll
- Chords Arrangement
- Bass Arrangement
- Melody Arrangement
- Audio Recording

- **Loop Making** (*Week 10 & 11*)

- Construction of a Song Idea
- Vertical Arrangement
- Genre Based Construction

- **Production Techniques** (*Week 12, 13 & 14*)

- Sampling
- Synthesis
- Warping
- Automation
- MIDI Mapping
- Layering
- Comping

- **Audio & MIDI Effects** (*Week 15, 16 & 17*)

- EQs
- Dynamic Processors
- Reverb & Delay
- Saturation
- Modulation
- Arpeggiators
- Beat Repeat

- **Song Arrangement** (*Week 18, 19 & 20*)

- Understanding Horizontal Arrangement
- Creating Contrast
- Musical & Instrumental Expansion
- Instrument Specific Arrangement
- Transition, Automation & Fillers
- Frequency & Energy Balance
- Arranging a Complete Song

*(Assignments & Class Projects on Module)*

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## **5. Mixing & Mastering**

(Week 21 & 22 )

Learn tools and creative techniques you need to know to mix music in today's production environment. Gain complete knowledge of what is involved in creating the final master recording of your song & getting it ready for distribution.

- **Getting Tracks ready for Mix**
- **Volume Balance & Panning**
- **EQ**
- **Compression**
- **Buses & Aux Tracks**

- **Reverb & Delay**
- **Advanced Mixing Techniques**
- **Stereo Imaging**
- **Saturation**
- **Limiter**

*(Assignments & Class Projects on Module)*

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## **6. Studio Sessions**

(Week 23 & 24 )

Two weeks of sessions where you will get to professionally produce & mix a song in the studio.  
(Only in In-Studio Course. Replaced with assignments & track making online for online course)

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