- ▼ ☐ Meeting 12: Mixing Review
    - ▼ ☐ Establishing the Foundation with Drums
        - ▼ ☐ Build from ground up
            - ● ☐ For each drum track...
            - ● ☐ Level adjust—find peak
            - ● ☐ Add dynamics processing if needed
            - ● ☐ Assess tone quality; adjust w/EQ
            - ● ☐ Apply effects
        - ▼ ☐ Add Bass Guitar
            - ● ☐ Compression if needed
            - ▼ ☐ EQ
                - ● ☐ Use a Real Time Analyzer & Graphic or Parametric EQ to isolate problem frequencies or…
                - ● ☐ Consult the Bass Frequency Chart and EQ appropriately
            - ▼ ☐ Blend with the drums
                - ● ☐ Shape the bass with with the kick, allowing each to occupy a unique frequency in the low end
        - ▼ ☐ Add Lead Vocal
            - ▼ ☐ Compression
                - ● ☐ Ratio between 3:1 and 7:1
            - ▼ ☐ EQ
                - ● ☐ HPF to cut low frequencies below 150 Hz
                - ● ☐ Isolate/cut annoying frequencies between 1 and 4 kHz
                - ● ☐ For clarity, boost-sweep between 6 and 9 kHz until you hear a clean sound
        - ▼ ☐ Add Backing Vocals
            - ● ☐ Shape à la lead vocal, but...
            - ● ☐ Reduce highs by 1 to 3 dB
            - ● ☐ Blend at nearly the same volume as lead If using reverb, keep the lead slightly drier
        - ▼ ☐ Subtract before Adding

- ▼ ☐ Midway Check: Keep the core at a consistent level…
  - • ☐ Drums
  - • ☐ Bass
  - • ☐ Lead Vocal
- • ☐ If additional elements get in the way, turn them down before turning the core up
- ▼ ☐ Acoustic Guitar
  - ▼ ☐ Compression
    - • ☐ Ratio between 4:1 and 7:1
    - • ☐ Short attack and release times
  - ▼ ☐ EQ
    - • ☐ HPF to cut low frequencies
    - • ☐ Isolate/cut unattractive frequencies between 1 and 2.5 hHz
  - • ☐ Reverb: just a touch, if any
- ▼ ☐ Electric Guitar
  - • ☐ HPF to cut low frequencies
  - • ☐ Isolate/cut annoying high-frequency edge between 1 and 6 kHz
  - • ☐ For fullness, boost between 250 and 600 Hz ("carve a hole" in this range)
- ▼ ☐ Keyboards
  - ▼ ☐ EQ
    - • ☐ HPF to cut low frequencies
    - • ☐ String pads: roll off highs above 8-10 kHz
    - • ☐ Piano: make sure it works with the acoustic and electric guitars
- ▼ ☐ Adding Solo Instruments (Sax, Trumpet, Violin, etc.)
  - • ☐ Set to same level, reverb as vocal for solo sections
  - • ☐ Ride the fader if needed for other sections
- ▼ ☐ Volume Issues
  - • ☐ Cut before you boost
  - • ☐ Establish a mutually-agreed upon and quantifiable volume level