TOC for SoundLab by Roland Kuit

(mindmap by ModulateThis.com)

- 1. Basic I:
  - Basics of the electronic studio
  - oscillators , waveforms
  - lfo´s
  - adsr´s
  - filters
  - building a basic synth
  - building famous synths
  - like the Mini Moog, Korg MS 20, ARP 2600,
  - EMS Synthi with video and sound of the real thing
- 2. Basic II:
  - Additive synthesis
  - Sync
  - Vosim
  - Formant synthesis
  - FM synthesis
  - Phase Distortion
  - Cross modulation
  - Wavetable synthesis
  - Physical modelling
  - Phase-lock synthesis
  - Wave terrain synthesis
  - Granular synthesis
- 3. Amplitude Modulation
  - Side bands
  - Tremolo effect
  - Echo effect
  - Complex circuits
  - RM and filtering
  - RM and feedback
  - Control signals and RM
  - RM and gating
- 4. Sample and Hold
  - Pitch modulation
  - Filter modulation
  - Panorama modulation
  - Gate modulation
  - Complex circuits
  - Audio sync
- 5. Audio Processing
  - Reverbs, echo's clipping, distortion etc.
  - Complex circuits
  - Famous audio processors
- 6. House/Techno I:
  - Sequencers and pattern generators
  - Phase difference
  - Sound design
- 7. House/Techno II
  - Pitch and rhythm
  - Humanizing
  - Grooves
  - Complex circuits
  - Glitch, IDM
  - Famous machines
- 8. Experimental music:
  - Random
  - Minimal
  - Conceptual
  - Political
  - Feedback
  - Noise and screack machines
  - Drones
  - Music machines
- 9. Logic
  - On-off modules
  - Not on-off modules
  - Complex circuits
- 10. Tips & Tricks
  - Other circuits
- 11. History of Electronic Music and Instruments:
  - From 1950-2010
  - (first experiments, music, audio art)
  - Electronic instruments, software and studio's