



Duration:	12 weeks
Course:	Electronic Music Production
Instructor:	Stuart Clark

Bio: Electronic music specialist with expertise in modular synthesis. Keyboard Associate at Long & McQuade in Toronto.

Week	Topic
1	Pre-1960s - Part 1 It starts earlier than you think - Telharmonium, Theramin, etc. – Definition of Electronic Music / discovery of tape machines / Musique Concrete
2	Pre-1960s - Part 2 – Elektronische Musik - purely electronic sounds – RCA Mark 1&2 - early programmable synthesizer, Forbidden Planet, BBC Radiophonic Workshop
3	Pre 1960s - Part 3 - Early instruments (Ondes Martenot, Trautonium, Electronic Sackbut) - Electronic sounds in popular music
4	The birth of the modular synthesizer - Part 1 - Moog: Influences and inspiration / Artist focused design philosophy - Subtractive synthesis overview: VCO/VCF/VCA/LFO/ENV, how it all fits together - Early adopters (Wendy Carlos, The Beatles, Moog Music)
5	5. The birth of the modular synthesizer - Part 2 Different approach, different designs, programming and composing, EMS, ARP
6	6. The synthesizer industry takes off - Monophonic vs Paraphonic vs Polyphonic - New companies bring monophonic synths to the market, The Prophet 5, Vocoder
7	Drum Machines - Pre-1980: Early preset machines, first programmable machines - 1980 and on: the legacy of the 808 and LM-1, new genres are born
8	The birth of the home studio: Reverb and tape based effects, digital effects, Digital sampling
9	Digital synths, Workstation: the DX7, samplers become more powerful, the workstation synth
10	The digital studio, the birth of the DAW, physical Modelling and the introduction of Virtual Analog
11	The here and now: Granular audio processing and synthesis, pitch correction, alternative DAWs, less production and DIY electronics, re-popularization of modular synthesis
12	Intro to Logic workshop