



Duration:	12 weeks
Course:	Producing/Engineering
Instructor:	Andrew Hermant

Course Objective: This course is a journey from the inception of a sound wave through a creative path to the delivery of a final product heard out of a pair of loudspeakers (or headsets). The 'signal chain' is examined, explained and discussed in the context of today's digital environment and respect for the song and the artist. Students will be evaluated on the basis of class participation, a brief presentation to the class on a topic related to the course, some weekly research, 2 exams (mid-term and final) and an assignment due at the conclusion of the semester.

- Basic Acoustics
- The Decibel
- Our Digital Landscape
- Microphones: How they are built – how they are used
- Speakers: How they are built – how they are used
- Putting it all together

Bio: Andrew Hermant - 2-time Gemini nominated Audio Engineer; 4-time Juno nominated Recording Engineer; and Juno nominated Producer; studio owner/operator (Manta Sound and 1:2:1 Recording), label owner/operator (Duke Street Records) and former Head of Post Production at the CBC Toronto.

Week	Topic
1	Introduction – to each other. The Golden Rule
2	Basic sound wave behaviour and attributes.
3	Sound wave attributes 2
4	Getting more technical – The decibel
5	Mid-Term Exam (25%)
6	De-mystifying our digital world
7	Microphones – types, construction and application
8	Speakers – types, construction and application (home studio environment)
9	Review and discussion of production process - deliverables
10	Final Exam (25%)
11	
12	Course assignment due

Evaluation

Participation	10%
Final Assignment	15%
Final Assignment Part 2	10%
Presentation	15%
Exams	50%
Total	100%