



Duration:	11 weeks
Course:	Live Sound
Instructor:	Bo Cairo

Course Objective: On completion of this course, students should be able to choose components, assemble and operate a small sound system. Further, they should have gained a concept of what it is that constitutes good live sound, and the communication skills needed in its achievement.

Bio: Bo Cairo has been a Live Sound Engineer / Tour Manager / Club Booking Agent, for 45 years. Beginning with the "Punk Era" in 1975, he has mixed over 15,000 shows to date. He has held long term "in House" tech positions with all of Toronto's major and minor venues. Some of these contracts have spanned decades. He has been an Instructor at the Harris Institute since 1994. Bo has toured with many national and international artists, from famous to infamous. Beyond making "Loud Things Louder" his interests include: forensic archaeology, old cars and learning gunsmith operations.

Weekly Outline

The weekly outline will not be a rigid structure, but a constant flow and overlap of information and techniques. Over the duration of ten weeks, we shall voyage from electrics and electronics to speakers, consoles, mics and finally to the art of making loud things louder.

Note to student: Attendance and participation shall form a large percentage of the student's evaluation. The student may expect at least a mid-term test and a final exam. The student may also reasonably expect some philosophy and some fun. Zero tolerance of Cell Phones, Tablets, Laptops, Smart watches etc. in the classroom. No recording devices of any type.

Week	Topic
1	Introduction to course objectives & Electricity is everything.
2	Advanced electrical. Parts, components & how not to get electrocuted!
3	Audio wiring and cables. Snakes! Venomous and not so venomous.
4	Connectors, connectors and more connectors.
5	Signal flow. So easy yet so difficult.
6	Mid Term Test (1hrs). Continue with signal flow.
7	Basic components of an audio system.
8	More and more components of an audio system.
9	First attempt at P.A. set up ... mass confusion and mayhem.
10	Second attempt to set up the P.A. ... Loud things louder!
11	Final Exam

Evaluation

Attendance	20%
Mid Term	30%
Final Exam	50%
Total	100%