



Duration:	13 weeks
Course:	Studio Orientation Lab
Instructor:	Doug McClement

Course Objective: This course involves the practical application of the technical theory covered in PE1 and the STOI class. Classes will take place in the M.A.R.S recording facility at Harris. Students will be shown how to operate the basic equipment found in a typical studio during the first six classes. Multitrack mixing will be taught using existing sessions from international artists. After the midterm, they will then spend the next five classes recording a two song demo for a band chosen by the instructor. Students are encouraged to participate as much as possible, as this is a “hands on” course. To ensure this, there will be no more than seven students in each STOI class. This course is augmented by classroom lectures where the students will receive instruction in the theory behind the practical applications used in the studio. Studio standards, etiquette and documentation will also be covered. Developing teamwork skills is an important component of this course.

There will be a midterm and final exam, both of which are one on one in the control room with the instructor. Each student will be allowed four hours of solo time in the control room in the second half of the term.

Bio: Doug has an extensive background in all aspects of audio, including studio and remote recording, commercials, television, film, and live radio broadcasts. He has been president of LiveWire Remote Recorders, Canada’s premier remote recording facility since 1994. Doug owned Comfort Sound Recording Studio from 1975 to 1994. He has engineered over 4,000 live recordings over the past 30 years, including The Rolling Stones, AC/DC, Coldplay, The Police, Lenny Kravitz, Oscar Peterson, Garth Brooks, Ozzy Osbourne, Tony Bennett, Joni Mitchell, Stevie Ray Vaughan, Annie Lennox, Bruce Cockburn, Kim Mitchell, and James Brown. He has and has recorded shows in all ten Canadian provinces, the USA, Nigeria, Spain, Germany, Jamaica, Israel, Cyprus and Kuwait.

Doug has an Honours Bachelor of Commerce degree from Queen's University, and has won three Canadian Screen Awards and two Gemini Awards for Best Sound in a Television Variety Special. He has received three platinum albums for engineering "Diamond Mine" and "Five Days in July" for Blue Rodeo, and "Bargainville" for Moxy Fruvous. Doug has been a member of the Audio Engineering Society since 1974.

Week	Topic
1	Studio Layout, Console Overview. Basic Mix Concepts
2	Mixing with Dynamic Outboard Gear
3	Mixing with Ambient Outboard Gear
4	Studio Set-Up for Bed Tracks. Mic Selection and Placement for Drum Kit, Bass and Guitar
5	Studio Set-Up for Overdubbing, Mixing Setting up Headphone Mixes
6	Midterm: One-on-one for 45 mins (must pass before being allowed four hours of solo control room time)
7	Dress Rehearsal Session: Setup, Track, Overdub, Mix with instructor as one-man-band.
8	Band Session: Bed Tracks (2 songs)
9	Band Session: Instrumental Overdubs
10	Band Session: Vocal Overdubs. Assignment #2 given out.
11	Band Session: Final Mixdown Song #1 using Protocols.
12	Band Session: Final Mixdown Song #2 using Protocols.

Evaluation

Final Exam	35%
Mid Term Exam	35%
Assignment	15%
Verbal Communication Skills, Client Liaison	15%
Total	100%