

恩典聖經神學院

信徒神學證書課程

崇拜事工：音響操控理論與實作

日期：19, 26/8 · 2, 9, 16, 23/9/2022 (逢周五)

時間：晚上 7:30-9:30

講師：葉浩誠先生 (資深音樂人及現場混音師)

課程大綱：

1st 基本現場混音設置 Basic live sound setup

- stage routing/ signal flow
- Monitor mix
- Front of house (FOH)
- Multi-track recording/live streaming
- Psycho-acoustics

2nd 線材分類 Audio line categories and signal indications

- XLR (3-pins)
- TRS / TS
- Balanced / Unbalanced
- Structure of audio cables
- Signal flow
- Half lesson practicum

3rd 基本混音概念及操作 Basic live mixing concepts and operation

- Gain structure
- Fader concept
- DCA/Group/Sub-group/Sub-mix concept
- Auxiliary/Bus/Matrix/Main concept

4th Practical setup and systematic mix processing

- Relationship of gain and fader structure
- Microphone technique
- Live acoustic Eq calculation
- Half lesson practicum

5th Practicum of live sound

- Live Eq calculation
- Channel Equalising concept
- Compressor concept
- Instrument setup
- Practical setup and theory achieve

6th Theory and Concept review

- Full setup test and mixing test
- Q&A of the course and round up