

Department of Music

MP-209: Recording Techniques III

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3 class hours; 1 credit; prereq: MP205 with a grade of B or better
A practical laboratory course in the techniques of a sound recording studio.

A senior-level course in the Music Production curriculum.

Students will:

- demonstrate mastery of the SSL AWS 924 console in a hybrid mixing environment
- use console automation on mixes
- demonstrate mastery of equalisation and compression techniques
- setup and calibrate a Dolby Atmos nearfield environment
- mix immersively using
 - Dolby Atmos Production Suite
 - Dear VR Spatial Connect
 - Binaural and Ambisonic formats
- perform mastering on their recordings:
 - demonstrating an understanding of loudness standards for different media
 - maximising loudness for the medium while maintaining quality
 - achieving desired aesthetic ends appropriate to the music and genre
 - learning to author DDP files

Required:

- Circumaural headphones with 1/8" to 1/4" adapter (no TRRS models)
- Removable hard drive with high capacity

Course Outline:

Week 1	Orientation & overview; focus on monitoring
Week 2	Focus on compression
Week 3	Focus on equalisation; Focus on time-based effects
Week 4	Focus on automation
Week 5	SSL Playback
Week 6	Immersive mixing overview: intro to Dolby Atmos
Week 7	Dolby Atmos
Week 8	Dolby Atmos - playback
Week 9	Other immersive: mixing for binaural and Ambisonics; mixing in VR
Week 10	VR
Week 11	VR/immersive playback
Week 12	Mastering concepts
Week 13	Mastering concepts
Week 14	Playback & discussion
Week 15	Final Exam!!