

Course Syllabus: Music (73)-214

Recording Studio Procedures

Instructor: Wally Messner

Office: N230

Phone: 424-7034

Credits: 3

Hour: 9:10 M, W, F

Room: A/C N223

Office Hours: See posted schedule or by arrangement

Objectives:

Familiarize students with professional recording studio operation: ie; console signal flow, the analog and digital recording processes, uses of outboard gear (compression, effects, metering, equalization, etc.) and it's interconnection, editing of material (razor blade and digital), and the format of masters.

This course is a continuation of the topics discussed in Recording Studio Techniques II (73-114). It is designed to facilitate the "hands-on" experience, and provide the structure on which all future recording project requirements will be based. Readings will be assigned from text, related current magazine articles, and class handouts.

Grading:

A minimum of six short answer/explanation/definition type exams will be given when lecture on that topic is completed (announced 1 week in advance), based on the above materials.

1. The recording console and patchbay (continuation/review)
2. The analog tape recorder
3. Tape recording alignment
4. Digital recording basics
5. Digital recording systems
6. Editing and master tape production

In addition to testing, two recording projects are required of each student. Each of these will be equal to one exam in value.

1. Two pieces of contrasting style, no more than three instruments recorded directly to analog two track or CD.
2. One piece, recorded on 16 track analog and mixed to CD . Students may work in groups of 2 or 3 for initial tracking, however, a final mix must be created by each individual student. These projects must be completed in compliance with all rules for master tapes discussed in class and found on the special handout concerning this topic. A track log must accompany each recording including the following information; tracking, use of outboard gear, and session comments/excuse sheet (what went well - what didn't - why - what might be done differently, what felt comfortable, etc). These projects will be graded on the basis of clarity, balance, panning, effects, editing, and mastering. Musical content will not be evaluated.

The recording studio will be available to students through a sign-out process. Please refer to the handout on studio check-out.]

Text:

Huber and Runstein:

Modern Recording Techniques – 6th edition