REC 145: CRITICAL LISTENING SKILLS FOR ENGINEERS

Citrus College Course Outline of Record

Heading	Value
Effective Term:	Fall 2021
Credits:	3
Total Contact Hours:	54
Lecture Hours :	54
Lab Hours:	0
Hours Arranged:	0
Outside of Class Hours:	108
Prerequisite:	REC 100, REC 103, REC 140, and have passed a Multiple Measures Skills assessment.
Corequisite:	REC 105, REC 115, REC 125, REC 135.
Transferable to CSU:	Yes
Transferable to UC:	No
Grading Method:	Standard Letter

Catalog Course Description

A course in aural skills development for recording engineers. This class will focus on music, acoustic and electronic timbres, general instrument ranges and sonic properties, blend, balance, equalization, panning, reverb, compression, limiting and other tools used in the recording process. 54 lecture hours.

Course Objectives

- Identify styles of music ranging from classical to popular
- Identify instruments commonly used in commercial recording
- Identify the working ranges of the instruments used in recorded music
- Identify specific effects used in the recording process
- Identify and solve sound enhancement problems
- Identify and synthesize the effect of a particular sound enhancement tool in a recording
- Demonstrate through the analysis of recorded examples, discussion, problem solving/synthesis as it relates to the recording of various ensembles, and the application of critical listening principles to recording industry practices.

Major Course Content

1. Introduction to Musical Styles
2. Elements of Sound Production, Acoustic and Electronic Sounds
3. Instruments and their Working Ranges
4. Balance/Blend Techniques
5. Equalization Techniques
6. Spacial Techniques
7. Reverb Techniques
8. Dynamics Techniques

Suggested Reading Other Than Required Textbook

Industry related periodicals and journals.

Examples of Required Writing Assignments

Students will complete multiple short (1-3 page) essays on audio components in the music industry, such as Microphones, using EQ, Time based effects, dynamic components, and frequency content.

Examples of Outside Assignments

Students will resource music and audio media via the internet and other means for use in listening evaluations and assignments.

Instruction Type(s)

Lecture, Online Education Lecture