

RAT-1210: STUDIO LAB BAND

Cuyahoga Community College

Viewing: RAT-1210 : Studio Lab Band

Board of Trustees:

November 2020

Academic Term:

Fall 2021

Subject Code

RAT - Recording Arts & Technology

Course Number:

1210

Title:

Studio Lab Band

Catalog Description:

The study of musical and technical skills used by instrumentalists and vocalists to create successful studio recordings. Class will record contemporary and classic Rock, Rhythm & Blues, Country and Blues songs.

Credit Hour(s):

3

Lecture Hour(s):

2

Lab Hour(s):

2

Requisites

Prerequisite and Corequisite

Departmental Approval: by audition.

Outcomes

Course Outcome(s):

Explain unique musical and sonic characteristics of various music styles.

Essential Learning Outcome Mapping:

Not Applicable: No Essential Learning Outcomes mapped. This course does not require application-level assignments that demonstrate mastery in any of the Essential Learning Outcomes.

Objective(s):

1. Illustrate emotional dynamics of songs through graphic examples.
2. Illustrate volume dynamics of songs through graphic examples.
3. Summarize song structure and musical elements.

Course Outcome(s):

Demonstrate efficient studio session procedures.

Essential Learning Outcome Mapping:

Not Applicable: No Essential Learning Outcomes mapped. This course does not require application-level assignments that demonstrate mastery in any of the Essential Learning Outcomes.

Objective(s):

1. Demonstrate instrument amplification setup and tear down.
 2. Demonstrate drum kit setup and tear down.
 3. Demonstrate keyboard setup and tear down.
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Course Outcome(s):

Demonstrate studio instrument maintenance.

Essential Learning Outcome Mapping:

Not Applicable: No Essential Learning Outcomes mapped. This course does not require application-level assignments that demonstrate mastery in any of the Essential Learning Outcomes.

Objective(s):

1. Demonstrate electric guitar cleaning, re-stringing, and intonation.
 2. Demonstrate changing a drum head.
 3. Demonstrate drum tuning.
 4. Demonstrate guitar tuning.
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Course Outcome(s):

Understand verbal terminology of studio sessions.

Essential Learning Outcome Mapping:

Not Applicable: No Essential Learning Outcomes mapped. This course does not require application-level assignments that demonstrate mastery in any of the Essential Learning Outcomes.

Objective(s):

1. Understand timbre, tone, sound of various musical instrumentation.
 2. Critically listen to song instrumentation and explain what needs to be incorporated into the musical palette of the song.
 3. Explain drum styles associated with musical styles and genres.
 4. Identify arrangement and orchestration required for song.
 5. Demonstrate examples of guitar tones, distortion or slap back delay.
 6. Identify instruments, microphones, FX pedals and outboard gear required for recording session.
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Course Outcome(s):

Demonstrate accepted studio etiquette, teamwork and professionalism in recording ensemble environment.

Essential Learning Outcome Mapping:

Not Applicable: No Essential Learning Outcomes mapped. This course does not require application-level assignments that demonstrate mastery in any of the Essential Learning Outcomes.

Objective(s):

1. Develop musical parts in advance of the session.
 2. Assemble equipment needs for session and arrange with studio personnel.
 3. Demonstrate an understanding of performance and knowing when to start, stop, correct your performance.
 4. Assess session situations and communicate professionally with other ensemble members.
 5. Interpret direction from producer and formulate alternative plans of action.
 6. Demonstrate the ability to work within the time frame and deadlines of a recording session.
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Methods of Evaluation:

1. Written/Blackboard exams covering assigned reading and lecture material
2. Written critical listening assignments
3. Evaluation of student projects

4. Lab Practicals
5. Participation

Course Content Outline:

1. Develop musical abilities
 - a. Understanding of music genres
 - b. Establishing “a sound of your own”
2. Learning musical shorthand
 - a. Learning the art of charting songs for recording
 - b. Learning on the fly
 - c. Developing Ear training
3. Maintenance and upkeep of musical instruments
 - a. Tuning, re-stringing, cleaning
 - b. Basic Instrument repair
 - c. Amplifier maintenance (re-tubing)
 - d. Re-heading drum
4. Understanding the language of the studio session
 - a. From “pre production to final take”
5. Exhibit the ability to perform in a studio setting
 - a. An understanding of the recording process
 - b. Working with others, working under time constraints
6. Illustrate the workings of the studio mind
 - a. Define the terms used in recording session
 - b. Interpersonal communications amongst musicians
7. Proper studio technique for efficient sessions
 - a. Using time wisely
 - b. Preparation and rehearsal
 - c. Proper use of microphones
 - d. Understanding the recording process
 - e. Equipment selection based on genre and style

Resources

Sylvia Massey With Chris Johnson. (2016) *Recording Unhinged - Creative and Unconventional Music Recording Techniques*, Milwaukee, WI: Hal Leonard.

Glyn Johns. *Sound Man: A Life Recording Hits with The Rolling Stones, The Who, Led Zeppelin, the Eagles, Eric Clapton, the Faces . . .* New York, NY: Plume, 2015.

Horning Schmidt, Susan. *Chasing Sound: Technology, Culture, and the Art of Studio Recording from Edison to the LP (Studies in Industry and Society)*. JHUP, Illustrated Edition, 2015.

Mixerman. *Musician's Survival Guide to a Killer Record*. Mixerman Publishes, 2018.

Guralnick, Peter. *Sam Phillips: The Man Who Invented Rock 'n' Roll*. Back Bay Books, 2016. Illustrated Edition.

Schmitt, Al. *Al Schmitt on the Record: The Magic Behind the Music*. Rowman & Littlefield Publishers, 2018.
