Semester/Year: SP 2016

Lecture Hours: (2) Lab Hours: (0) Credit Hours: (2)

Class Time: 5:00 / 6:50 p.m. Days: Monday Room: MUSC 227

Instructor’s Name: Larry Burger

Instructor's Contact Information: Email or use your moodle to communicate

Office Phone: 268-3320 Email: lburger@caspercollege.edu

Office Hours: Monday 4:00 p.m. – 5:00 p.m. (MUSC 227)

Course Description: A study of the basic concepts, equipment, and techniques used in the operation of a recording studio. Topics include console functions, mixing, effects, microphone placement and choice, patchbay, and console flow logic.

Statement of Prerequisites: Freshman standing preferred, Community and BOCES students welcome.

Goal: To present students with the information, theory, and philosophy of audio recording equipment and its usage. Students will understand this knowledge in a practical sense by hands-on experience with the digital recording equipment.

Outcomes: To give the students background and specific information on the concepts involving the use of 1) microphones and their proper application, 2) recording techniques, 3) acoustics and psychoacoustics, 4) studio design, 5) equalization terms and techniques, 6) the live sound board and its controls, 7) effects and their application, and 8) analog and digital applications in audio.

Course Objectives: Prepare student for the challenges of designing and or operating Recording and Audio Systems.

Methodology: Lecture/demonstration of Acoustical properties, sessions with hands-on use of sound reinforcement equipment, recording equipment sound consoles. Lab/Students will be given opportunity to work with school-owned equipment in class and assist in recording Casper College events.

Evaluation Criteria: Evaluation of students is based on participation and by written exams and quizzes on material covered in class and/or the text. Examinations may include some of the physical processes of sound reinforcement such as set up and operations of equipment. Weekly assignments will be taken one week after the original due date without penalty. Midterm, final exams, and final project must be turned in on the assigned date. Standard 10% point break: 100-90 = A, 80-89 = B, 70-79 = C, 60-69 = D, Lower than 60% = F

Casper College may collect samples of student work demonstrating achievement of the above outcomes. Any personally identifying information will be removed from student work.
Required Text, Readings, and Materials: Text will be placed on My Moodle, Materials to take notes.

Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade: Students are expected to be on time and in class each session. With this being a hands-on class, it is difficult to understand someone else’s notes.

Students are also expected to do their weekly assignments and be prepared when a reading assignment is given.

Last Date to Change to Audit Status or to Withdraw with a W Grade: See current catalog.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Dean, and lastly the Vice President for Academic Affairs.

Academic Dishonesty: (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct for more information on this topic.

Official Means of Communication: Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly. This is also, where you will find course evaluation links during course evaluation periods.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the college’s Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.

Calendar or schedule indicating course content:

These schedules are all subject to change due to a need to expose students to class recordings of live and created recording events. These events will take precedents over written schedules. These weekly descriptions are outline goals and steps to achieve our final desired prerequisites.

Week 1: Powering up and shutting down the studio, creating a song with proper directory management, recording onto tracks, saving and playback of songs

Week 2: Erasing songs, internal patching, monitoring (control room and headphone mixes), added E.Q.
Week 3: Evaluating recordings, multi-track recording
Week 4: Recording to an external device
Week 5: Recording with multiple microphones, recording with inserted effects, recording with effects sends
Week 6: Choose class or individual songs, Critical CD Sound listening
Week 7: Divide responsibilities for class song, present expectations for mid-term exam
Week 8: Mid-term exam
Week 9: Spring Break
Week 10: Record Drums or (Record Rhythm section)
Week 11: Record Bass, Sub-mix Drums or (Overdub section parts)
Week 12: Record Rhythm Guitar, Drum mix due or (Sub-mix Rhythm Section)
Week 13: Record Lead Guitar or Keyboard
Week 14: Record Keyboards or Lead Vocals
Week 15: Record Lead Vocals or Back-up Vocals
Week 16: Record Back-up Vocals or start mix-down
Week 17: Rough mix of project due, present expectations for Final
Week 18: Final exam, project due.