



EFFECTIVE: SEPTEMBER 2011 CURRICULUM GUIDELINES

A. Division: **EDUCATION** Effective Date: **September 2011**

B. Department / Program Area: **LANGUAGE, LITERATURE AND PERFORMING ARTS / MUSIC** Revision New Course

If Revision, Section(s) Revised:
Date of Previous Revision:
Date of Current Revision:

C: MUSC 3280 **D: Advanced Audio Recording** **E: 3**

Subject & Course No.	Descriptive Title	Semester Credits						
<p>F: Calendar Description:</p> <p>Through lecture/demonstrations and hands-on studio work, students will learn to record and mix audio in a large studio environment. Some time will also be devoted to working in a professional theatre environment. Students will mix and master a full-length CD of their work.</p>								
<p>G: Allocation of Contact Hours to Type of Instruction / Learning Settings</p> <p>Primary Methods of Instructional Delivery and/or Learning Settings:</p> <p>Classroom related</p> <p>Number of Contact Hours: (per week / semester for each descriptor)</p> <p>4</p> <p>Number of Weeks per Semester:</p> <p>15</p>	<p>H: Course Prerequisites:</p> <p>MUSC 3180 or permission of instructor</p>							
	<p>I: Course Corequisites:</p> <p>None</p>							
	<p>J: Course for which this Course is a Prerequisite</p> <p>None</p>							
	<p>K: Maximum Class Size:</p> <p>16</p>							
<p>L: PLEASE INDICATE:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; border: 1px solid black; text-align: center;"><input type="checkbox"/></td> <td>Non-Credit</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;"><input type="checkbox"/></td> <td>College Credit Non-Transfer</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;"><input checked="" type="checkbox"/></td> <td>College Credit Transfer:</td> </tr> </table> <p>SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bctransferguide.ca)</p>			<input type="checkbox"/>	Non-Credit	<input type="checkbox"/>	College Credit Non-Transfer	<input checked="" type="checkbox"/>	College Credit Transfer:
<input type="checkbox"/>	Non-Credit							
<input type="checkbox"/>	College Credit Non-Transfer							
<input checked="" type="checkbox"/>	College Credit Transfer:							

M: Course Objectives / Learning Outcomes

Through lecture/demonstrations and studio work, students will expand upon the techniques learned in Audio Recording techniques. Emphasis will be placed on large studio or theatre work.

On successful completion of the course students will be able to work unassisted in a fully equipped professional-level studio, and be able to understand and apply the following:

1. Patchbay/console routing
2. Hardware effects
3. Theatre sound
4. Multi channel systems and their use
5. Audio mastering techniques
6. Audio restoration techniques (noise reduction, transient removal, current theory and practice)
7. Digital filter concepts
8. Recent advances in digital audio

N: Course Content:

1. Routing signals through a large studio console and patchbay, including equalization, inserts, busses, monitoring
2. Use of the hardware effects rack, including compressors, limiters, reverbs, noise gates, and equalizers.
3. Live sound reinforcement using the house system of a professional theatre.
4. Multi channel systems from three to eight channels, for surround sound and concert use.
5. Audio mastering software and hardware for producing finished mixes.
6. Audio restoration techniques.
7. The use of digital filters for complex multi-stage filtering operations.
8. Digital recording techniques are changing rapidly—this course will examine the latest developments in the field.

O: Methods of Instruction

Lecture/demonstration. Students will work alongside the instructor; either in the large studio or Technology Lab. Students will be expected to complete regular assignments and projects outside of class time. These will be done in the large studio.

P: Textbooks and Materials to be Purchased by Students

No texts or materials are required. All required hardware and software for the completion of assignments and projects is available in the studio.

Q: Means of Assessment

Tests/Quizzes (minimum of 2):	30% (combined total)
Midterm Project:	30%
Final Project:	40% *
Total:	100%

* The Final Project constitutes one component of the graduation portfolio requirement.

R: Prior Learning Assessment and Recognition: specify whether course is open for PLAR

This course is not open for PLAR.

Course Designer(s): Blair Fisher

Education Council / Curriculum Committee Representative

Dean / Director

Registrar

© Douglas College. All Rights Reserved.