

EFFECTIVE: SEPTEMBER 2011 CURRICULUM GUIDELINES

А.	Division:	Education	Effective Date:	September 2011	
B.	Department / Program Area:	LANGUAGE, LITERATURE AND PERFORMING ARTS / MUSIC	Revision	New Course X	
			If Revision, Section(s) Revised: Date of Previous Revis Date of Current Revis	sion:	
C:	MUSC 3180	D: Audio Recor	ding Techniques	E: 3	
	Subject & Cour	se No. D	escriptive Title	Semester Credits	
F:	Calendar Description:				
	Through lecture/demonstrations and hands-on studio work, students will learn to record and mix audio in a project studio or live environment. Emphasis will be placed on understanding the underlying concepts and theory of digital audio recording, and the development of critical listening skills. Using both hardware and Digital Audio Workstation software, students will produce several recorded tracks.				
G:	Allocation of Co / Learning Settin	ontact Hours to Type of Instruction	H: Course Prerequisi	ites:	
	Primary Method Learning Setting	s of Instructional Delivery and/or gs:	entrance or pern	nission of instructor	
	Classroom relat	ted	I: Course Corequisi	tes:	
	Number of Cont descriptor)	act Hours: (per week for each	None		
	4		J: Course for which	this Course is a Prerequisite	
	Number of Weeks per Semester:		MUSC 3280		
	15				
			K: Maximum Class S	Size:	
			16		
L:	PLEASE INDIC	CATE:	1		
	Non-Credi	t			
	College Cr	edit Non-Transfer			
	X College Cr	redit Transfer:			
	SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bctransferguide.ca)				

M:	Course Objectives / Learning Outcomes		
	Through lecture/demonstrations, lab and studio work, students will expand upon the techniques learned in the Introduction To Audio Recording. Emphasis will be placed on a thorough understanding of audio concepts and theory, along with a more in-depth study of practical studio techniques. Students will also develop critical listening skills as they apply to recording and mixing. Students will work in a project studio environment and will be introduced to a large digital recording studio.		
	 Digital audio theory Audio interfaces: theory and practice DAW and dedicated recording solutions. Advanced Multitrack recording techniques Advanced editing techniques Advanced mixing techniques Advanced stereo recording techniques Advanced stereo recording techniques Location recording techniques Large studio procedures and protocol 		
N:	Course Content:		
	 Theoretical concepts, including formats, bit depth, Nyquist theory, Fourier Transforms, etc Audio interfaces: connectivity, sample rates, form factors A comparison of the advantages and disadvantages of "native" (computer based) recording versus dedicated hardware based approaches. Tracking, overdubbing, Editing audio: creating new parts, fixing problems, composite tracks Mixing: inserts, busses, groups, automation. Software plug-ins including dynamics, distortion, reverb and other effects. Advanced stereo recording techniques, including M/S Use of portable equipment for location recording, including computer based and specialized hardware. An introduction to large studio procedures, including studio etiquette, pre-production, setup and record keeping. 		
0:	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 can be done in the lab, the studio, or at home.		
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 lab (3220) or studio (3280). Students who wish to work outside the lab may want to purchase their own copies of the software used in class. A complete list of recommended software will be available at the first class session.		

Q:	Means of Assessment			
	Tests/Quizzes (minimum of 2):	30% (combined total)		
	Midterm Project:	30%		
	Final Project:	40% *		
	Total:	100%		
	The Final Floject constitutes one con	iponent of the graduation portiono requirement		
R:	Prior Learning Assessment and Recognition: specify whether course is open for PLAR			
	This course is open for PLAR.			

Course Designer(s): Blair Fisher

Education Council / Curriculum Committee Representative

Dean / Director

Registrar

© Douglas College. All Rights Reserved.