



A: Division: INSTRUCTIONAL

Date: JANUARY, 1999

B: Faculty: LANGUAGE, LITERATURE & PERFORMING ARTS

New Course:

Revision of Course X  
Information Form:

C: STGE 311

D: AUDIO TECHNIQUES I

E: 2

Subject and Course Number	Descriptive Title	Semester Credit
<b>F: Calendar Description:</b> This course introduces students to the basics of sound, wave theory and hearing and their relationship to theatre. The design, function, and interconnection of sound systems common to the performing arts will be studied.		
<b>Summary of Revisions:</b> ( date & section) 90.09 - C,L,M,P 99.01 - D, F, G, N, O, P, Q, R		
<b>G: Type of instruction: Hrs per semester</b>  Lecture/ Demonstration: 36 hrs Laboratory: hrs Seminar: hrs Clinical Experience: hrs Field Experience: hrs Practicum: hrs Shop: hrs Studio: hrs Student Directed Learning: hrs Other (specify) hrs Total: 36 hrs	<b>H: Course Prerequisites</b> —	
	<b>I: Course Corequisites</b> —	
	<b>J: Course for which this Course is a Prerequisite</b> STGE 411	
	<b>K: Maximum Class Size:</b> 25	
	<b>M: Transfer Credit</b> Requested: _____ Granted: _____	
	<b>L: College Credit Transfer</b> X  College Credit Non-Transfer  Non-Credit	
<b>Specify Course Equivalents or Unassigned Credit as appropriate:</b>  UBC: See B.C. Transfer Guide SFU: See B.C. Transfer Guide U Vic: See B.C. Transfer Guide Other:		

Course Designer(s) \_\_\_\_\_  
*McCaum*  
 Faculty/Dean

Vice-President \_\_\_\_\_  
*P. H. Jones*  
 Registrar

Gillette, Michael. Theatrical Design And Production. 3rd. Ed.  
Toronto: Mayfield Publishing, 1997.

**O. COURSE OBJECTIVES**

Upon completion of the course, the student will:

1. learn and demonstrate safe working procedures when using equipment, tools and materials common to sound in the theatre.
2. become familiar with the basic principles of sound and acoustics.
3. learn and demonstrate the set up and running of sound equipment required for playback.
4. become familiar with the role and responsibilities of the sound technician.
5. develop a vocabulary of sound terminology.

**P. COURSE CONTENT**

1. Wave theory, sound terminology, and basic audio principles including: hearing sound, pressure waves, frequency, intensity, reverberation, and acoustics.
2. Role and responsibilities of the sound technician.
3. Introduction to audio equipment in the Theatre including: Microphones, Power Amps, Loud Speakers, Mixers, and Ancillary Equipment.
4. Set-up, connection, and running audio equipment.

**Q. METHOD OF INSTRUCTION**

Students will receive 3 hours of lecture/demonstration per week that includes independent work and one on one instruction.

**R. COURSE EVALUATION**

Written assignments:	Radio Play Analysis	15%
	History of Sound Research	15%
	Scenarios	15%
	Technical Research	15%
	Tests X 4	<u>40%</u>
	<u>Total</u>	<u>100%</u>