



# CURRICULUM GUIDELINES

A. Division: **INSTRUCTIONAL**

New Course

If Revision, Section(s) Revised: **G, H, M, P, R**

Date of Previous Revision: **JANUARY 1999**  
Date of Current Revision: **December 3, 2002**

C: **STGE 311**

D: **AUDIO TECHNIQUES I**

E: **2**

Subject & Course No.	Descriptive Title	Semester Credits
<b>F:</b>	Calendar Description: 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>G:</b>	Allocation of Contact Hours to Type of Instruction / Learning Settings	<b>H:</b> Course Prerequisites:  <b>Acceptance to the Stagecraft Program or permission of the Stagecraft Program Coordinator.</b>
	Primary Methods of Instructional Delivery and/or Learning Settings:  <b>Lecture/Demonstration</b>	<b>I:</b> Course Corequisites:  <b>None</b>
	Number of Contact Hours: (per week / semester for each descriptor)  <b>3 hrs. per week / 42 hrs. per semester</b>	<b>J:</b> Course for which this Course is a Prerequisite  <b>STGE 411</b>
	Number of Weeks per Semester:  <b>15 weeks per semester</b>	<b>K:</b> Maximum Class Siz

<b>M:</b>	<p>Course Objectives / Learning Outcomes</p> <p>Upon completion of the course, the successful student should be able to:</p> <ol style="list-style-type: none"> <li>1. learn and demonstrate safe working procedures when using equipment, tools and materials common to sound in the theatre.</li> <li>2. become familiar with the basic principles of sound and acoustics.</li> <li>3. learn and demonstrate the set up and running of sound equipment required for playback.</li> <li>4. become familiar with the role and responsibilities of the sound technician.</li> <li>5. develop a vocabulary of sound terminology.</li> </ol>																		
<b>N:</b>	<p>Course Content:</p> <ol style="list-style-type: none"> <li>1. Wave theory, sound terminology, and basic audio principles including hearing sound, pressure waves, frequency, intensity, reverberation, and acoustics.</li> <li>2. Role and responsibilities of the sound technician.</li> <li>3. Introduction to audio equipment in the Theatre including Microphones, Power Amps, Loud Speakers, Mixers, and ancillary Equipment.</li> <li>4. Set-up, connection, and running audio equipment.</li> </ol>																		
<b>O:</b>	<p>Methods of Instruction</p> <p>Students will receive three hours of lecture/demonstration per week that includes independent work and one on one instruction.</p>																		
<b>P:</b>	<p>Textbooks and Materials to be Purchased by Students</p> <p>A list of recommended textbooks and materials is provided on the Instructor's Course Outline, which is available to students at the beginning of each semester. eg: Gillette, Michael. . 3<sup>rd</sup> Ed. Toronto: Mayfield Publishing, 1997.</p>																		
<b>Q:</b>	<p>Means of Assessment</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Written assignments:</td> <td style="width: 60%;">Radio Play Analysis</td> <td style="width: 20%; text-align: right;">15%</td> </tr> <tr> <td></td> <td>History of Sound Research</td> <td style="text-align: right;">15%</td> </tr> <tr> <td></td> <td>Scenarios</td> <td style="text-align: right;">15%</td> </tr> <tr> <td></td> <td>Technical Research</td> <td style="text-align: right;">15%</td> </tr> <tr> <td></td> <td>Tests X 4</td> <td style="text-align: right;">40%</td> </tr> <tr> <td></td> <td style="text-align: right;">TOTAL</td> <td style="text-align: right;">100%</td> </tr> </table>	Written assignments:	Radio Play Analysis	15%		History of Sound Research	15%		Scenarios	15%		Technical Research	15%		Tests X 4	40%		TOTAL	100%
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<b>R:</b>	<p>Prior Learning Assessment and Recognition: specify whether course is open for PLAR</p> <p>Yes.</p>																		

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 Course Designer(s)

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 Education Council / Curriculum Committee Representative

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 Dean / Director

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 Registrar