

**Course Competencies Template - Form 112**

GENERAL INFORMATION			
Name: Stephen Quinzi	Phone #: 305-237-2265		
Course Prefix/Number: MUM2601	Course Title: Sound Recording II		
Number of Credits: 3			
Degree Type	<input type="checkbox"/> B.A. <input type="checkbox"/> B.S. <input type="checkbox"/> B.A.S <input checked="" type="checkbox"/> A.A. <input checked="" type="checkbox"/> A.S. <input type="checkbox"/> A.A.S. <input checked="" type="checkbox"/> C.C.C. <input type="checkbox"/> A.T.C. <input type="checkbox"/> V.C.C		
Date Submitted/Revised: 10/30/08	Effective Year/Term: 2009-1		
<input type="checkbox"/> New Course Competency <input checked="" type="checkbox"/> Revised Course Competency			
Course to be designated as a General Education course (part of the 36 hours of A.A. Gen. Ed. coursework): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
The above course links to the following Learning Outcomes: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Communication  <input type="checkbox"/> Numbers / Data  <input checked="" type="checkbox"/> Critical thinking  <input type="checkbox"/> Information Literacy  <input type="checkbox"/> Cultural / Global Perspective             </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Social Responsibility  <input type="checkbox"/> Ethical Issues  <input checked="" type="checkbox"/> Computer / Technology Usage  <input checked="" type="checkbox"/> Aesthetic / Creative Activities  <input type="checkbox"/> Environmental Responsibility             </td> </tr> </table>		<input type="checkbox"/> Communication <input type="checkbox"/> Numbers / Data <input checked="" type="checkbox"/> Critical thinking <input type="checkbox"/> Information Literacy <input type="checkbox"/> Cultural / Global Perspective	<input type="checkbox"/> Social Responsibility <input type="checkbox"/> Ethical Issues <input checked="" type="checkbox"/> Computer / Technology Usage <input checked="" type="checkbox"/> Aesthetic / Creative Activities <input type="checkbox"/> Environmental Responsibility
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<b>Course Description (limit to 50 words or less, <u>must</u> correspond with course description on Form 102):</b>  An advanced-level sound recording course that provides in-depth technical instruction in recording console operation, microphone techniques, audio signal processing, and studio protocol. Students will engineer a recording project in addition to regular in-studio/lab assignments. Special fee. (3 hr. lecture)			
Prerequisite(s): MUM2600, MUM2600L	Corequisite(s): MUM2601L		

**Course Competencies:** (for further instruction/guidelines go to: <http://www.mdc.edu/asa/curriculum.asp>)

Competency 1: Upon successful completion of this course, the student will demonstrate a working knowledge of analog and digital recording console operation by:

1. Explaining the function of the operational controls found on most recording devices.
2. Effectively routing signals from point to point through hands-on operation of the devices.
3. Explaining the process entailed in obtaining proper gain structure.

Competency 2: Upon successful completion of this course, the student will demonstrate a working knowledge of microphones by:

1. Explaining the difference between different types of microphone types and designs.
2. Identifying commonly used professional microphones and their typical application.
3. Describing proper microphone placement, set-up, care and maintenance, and executing same through hands-on operation of the equipment.
4. Comparing the sonic and aesthetic quality achieved through the utilization of various microphones and various miking techniques.

**Revision Date:** \_\_\_\_\_

Approved By Academic Dean Date: \_\_\_\_\_      Reviewed By Director of Academic Programs Date: \_\_\_\_\_

Competency 3: Upon successful completion of this course, the student will demonstrate a working knowledge of signal processing by:

1. Explaining the technology upon which the various signal processing devices are based.
2. Identifying commonly used signal processing devices.
3. Effectively utilizing signal processing to achieve desired results.
4. Comparing the sonic and aesthetic quality achieved through the utilization of various signal processors.

Competency 4: Upon successful completion of this course, the student will demonstrate knowledge of studio monitors by:

1. Explaining the technology upon which various studio monitors are based.
2. Differentiating among various monitor designs.
3. Identifying commonly used studio monitors.

Competency 5: Upon successful completion of this course, the student will demonstrate knowledge of amplifiers by:

1. Explaining the technology upon which various studio amplifiers are based.
2. Identifying amplifiers used in the audio recording process.

Competency 6: Upon successful completion of this course, the student will demonstrate a working knowledge of audio cables and connectors by:

1. Explaining the technology upon which various cables and connectors are based.
2. Differentiating among various types of cables and connectors and their uses.
3. Identifying commonly used cables and connectors.

Competency 7: Upon successful completion of this course, the student will demonstrate a working knowledge of digital audio recording technology by:

1. Describing theorems and constructs of digital audio.
2. Listing commonly used audio sample rates and file formats.
3. Describing hardware and software components used in the digital recording process.
4. Configuring hardware and software components for optimal effectiveness.
5. Explaining the function and application of essential digital editing commands.

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