

GENERAL INFORMATION			
Name: Stephen Quinzi	Phone #: (305) 237-2265		
Course Prefix/Number: MUM2600	Course Title: Sound Recording I		
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: 10/25/08	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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Course Description (limit to 50 words or less, <u>must</u> correspond with course description on Form 102): An introduction to techniques, practices and procedures in making multi-track recordings. The student will gain experience with audio recording, editing, signal processing and mix-down in a variety of sound situations. Co-requisite: MUM 2600L. (3 hr. lecture)			
Prerequisite(s): None	Corequisite(s): MUM2600L		

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 basic understanding of the physics of sound and hearing by:

1. Identifying the basic physical properties of sound.
2. Describing the basic concepts associated with the measurement and description of sound.
3. Describing the mechanical and electrical processes of the various components of the human ear.

Competency 2: Upon successful completion of this course, the student will demonstrate a basic understanding of the responsibilities associated with various recording studio duties by:

1. Describing the roles and respective tasks of the record producer, audio engineer, traffic manager, and maintenance technician.

Competency 3: Upon successful completion of this course, the student will demonstrate a basic understanding of recording studio facilities and their function by:

1. Listing different types of recording studios.
2. Describing the physical makeup and acoustical properties of the studio control room.

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3. Describing the physical characteristics and acoustical properties of the tracking room and isolation booth.

Competency 4: Upon successful completion of this course the student will demonstrate a basic understanding of the function of the project studio by:

1. Producing a comprehensive diagram of a project studio.
2. Describing equipment, materials, and related costs associated with project studio development.

Competency 5: Upon successful completion of this course, the student will demonstrate a knowledge of audio cables and connectors by:

1. Differentiating among various types of cables and connectors and their uses.
2. Identifying commonly used cables and connectors.

Competency 6: Upon successful completion of this course, the student will demonstrate a basic understanding of commonly used studio microphones and their typical applications by:

1. Identifying the physical characteristics that differentiate microphones.
2. Identifying appropriate microphones based upon project needs.
3. Describing proper microphone placement.
4. Comparing various miking techniques.

Competency 7: Upon successful completion of the course, the student will demonstrate a basic understanding of audio signal routing by:

1. Identifying various capabilities and applications of recording studio surfaces and consoles.
2. Identifying various audio signal paths.

Competency 8: Upon successful completion of this course, the student will demonstrate a basic understanding of audio signal processing by:

1. Identifying various types of equalizers and their application.
2. Identifying various types of time-based effects processors and their application.
3. Identifying various types of dynamic range processors and their application.

Competency 9: Upon successful completion of this course, the student will demonstrate a basic understanding of the recording process by:

1. Differentiating among the digital and analog components of the recording process.
2. Discussing data storage basics and issues associated with digital recording media and file management.
3. Identifying various sample and bit rates commonly used in professional digital recording applications.
4. Identifying commonly used audio file types in the digital recording process.
5. Describing the various components and functions of the digital audio workstation.

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Competency 10: Upon successful completion of this course, the student will demonstrate knowledge of professional resources dedicated to the field of sound recording by:

1. Listing various organizations and publications that serve the needs of the audio community.

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