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MEMORANDUM

To: Donna E. Shalala, President

From: Richard L. Williamson
Chair, Faculty Senate

A handwritten signature in black ink, appearing to read 'Richard L. Williamson'.

Date: August 26, 2011

Subject: Faculty Senate Legislation #2011-04(B) – Name change in the Frost School of Music from the Master of Music in *Electronic Music* TO Master of Music in *Digital Arts and Sound Design*

At its August 24, 2011 meeting, the Faculty Senate unanimously approved the proposal to change the name in the Frost School of Music from the Master of Music in *Electronic Music* TO Master of Music in *Digital Arts and Sound Design*.

The supporting materials are enclosed for your reference.

This legislation is now forwarded to you for your action.

RW/rh

Enclosure

cc: Thomas LeBlanc, Executive Vice President and Provost
Shelton Berg, Dean, Frost School of Music
Ed Asmus, Professor and Associate Dean, Graduate Studies, Frost School of Music

CAPSULE: Faculty Senate #2011-04(B) – Name change in the Frost School of Music from the Master of Music in *Electronic Music* TO Master of Music in *Digital Arts and Sound Design*

PRESIDENT'S RESPONSE

APPROVED:  DATE: 8/29/11
(President's Signature)

OFFICE OR INDIVIDUAL TO IMPLEMENT: DEAN SHELLY BERG

EFFECTIVE DATE OF LEGISLATION: IMMEDIATELY
(if other than June 1 next following)

NOT APPROVED AND REFERRED TO: _____

REMARKS (IF NOT APPROVED): _____

FROST

SCHOOL OF MUSIC

April 12, 2011

Terri A. Scandura, Dean
Graduate School
1541 Brescia Ave.
Coral Gables, FL 33124-3220

Dear Dean Scandura:

Attached please find a complete revision of the Master of Music in Electronic Music. The revision includes a program name change, revision of the curriculum, and revised classes. A synopsis of the changes is included on the cover page of the documentation that is attached.

The revision has been considered at all levels of the Frost School of Music where it passed unanimously. We would appreciate your putting it forward to the Graduate Council for their consideration and moving it through the remainder of the approval process so that we might begin to offer the revised program.

Thank you in advance for your assistance.

Sincerely,



Edward P. Asmus, Ph.D.
Associate Dean of Graduate Studies

Program Name Change Rationale

Original Name: Master of Music in Electronic Music

Change To: Master of Music in Digital Arts and Sound Design

The original Master of Music degree in Electronic Music underwent significant curricular revision during the 2010-11 academic year. The purpose of the revision was to not only recognize the significant changes that have taken place in the last decade in music technology, but to bring the degree into the forefront of the academic offerings in music composition world-wide. The name of the degree was changed to reflect that substantial revision.

The term "Electronic Music" is at least 25 years out of date. By 1975 the term "electronic music" specifically referred to music that was created for tape playback using synthesizers or manipulated taped sounds (musique concrete). Another genre coexisted at the time called "computer music" which referred to music created or composed with the aid of a computer. In the 1980's the term "electroacoustic music" was created to try and cover both "electronic music" and "computer music" as well as many of the newer forms of music technology that had arisen. The term "electroacoustic music" is still in use at many institutions, but it is a limiting term because it does not refer to such genres as sound effects, film music, sound installations, and music synthesis found in popular genres and jazz. Furthermore, there is a feeling that the term "electroacoustic music" does not cover some of the newer forms of music that use technology like "acousmatic" and "algorithmic" music. Of course, when referring to technology any term is going to suffer at some point from becoming dated. However, it is felt that the word "digital arts" has the best chance of longevity since it is not only the most current term in use, but it will also refer to most of the new developments that might arise. Some of the latest developments in music technology include video interactive music, telematics, and brain wave and environmental control of music parameters. All of these new developments would easily fall under the new degree name. At the same time "Digital Arts and Sound Design" distinguishes itself from "Music Technology" in that it is clearly a degree having to do with creation and is not a Music Engineering degree. It will be obvious to the academic world that this is a substantive degree that allows for creating artwork in the aural domain through the use of technology.

UNIVERSITY OF MIAMI
GRADUATE SCHOOL



Terri A. Scandura, Ph.D.
Dean of the Graduate School

Graduate School
P.O. Box 248125
Coral Gables, FL 33124-3220

Phone: 305-284-4154
Fax: 305-284-5441
graduateschool@miami.edu

MEMORANDUM

DATE: April 28, 2011

TO: Richard Williamson
Chair, Faculty Senate *Terri Scandura*

FROM: Terri A. Scandura
Dean, The Graduate School

SUBJECT: Program Name Change for Frost School of Music

The Frost School of Music has submitted a request to change the name of its program from Master of Music in Electronic Music to Master of Music in Digital Arts and Sound Design. The program name change was discussed at the meeting of the Graduate Council on Thursday, April 21, 2011, and none of the Graduate Council members expressed concerns regarding this change.

cc: Shelton Berg, Dean
Ed Asmus, Associate Dean
Office of Planning, Institutional Research and Assessment

Proposal of Changes Master of Music in Electronic Music

Change Program Title To: Digital Arts and Sound Design

Curriculum: Curriculum modified extensively to meet the dramatic changes that have occurred in the realm of music composition using modern technology since the original program was designed.

Credits Required: 34

Course Changes: MTC 505 Electronic Music Studio changed to MTC 505 Analysis and History of Electroacoustic and Acousmatic Music.

MTC 506 MIDI and Control Processing changed to MTC 506 Digital Editing and Sequencing

MTC 507 Digital Sound Synthesis and Processing changed to MTC 507 Studio Licensing

MTC 605 Electronic Music Circuit Design changed to MTC 605 Digital Art and Sound Design

Attachments: *Bulletin* copy of new and old curricula

Course Change Form for each course change

Old and new *Bulletin* course description for each course change after the associated Course Change Form

Approval Tracking: Department of Music Composition Faculty
Frost School Graduate Committee
Frost School Executive Committee and Dean
Frost School Department Chairs
Frost School Council

PROPOSED NEW CURRICULUM

MM-Digital Arts and Sound Design (MTCDA)

Major Area

- 2 credits MTC 605 Digital Art and Sound Design
- 6 credits In Digital Arts courses (MTC 505 Analysis and History of Electroacoustic Music, MTC 506 Sequencing and Digital Editing, MTC 593 Special Topics, MTC506 MIDI and Control Processing, MTC 507 Digital Sound Synthesis and Processing, MTC 521 Multimedia for Musicians, or other approved courses in MTC and MUE)
- 2 credits MTC 507 Licensing
- 6 credits MTC667 Advanced Electronic and Computer Music Seminar
- 6 credits MTC710 Thesis Project
- 0 credits MTC012 Composition Forum each term enrolled

Other Studies in Music

- 4 credits Ensemble appropriate for Music Technology (based on approval of Department Chair)
- 2 credits MED 600 Psychoacoustic Foundations of Music (2)

Electives

- 3 credits MTCXXX Approved Elective in MTC
- 3 credits MXXXXX Graduate Level Electives at the 600 level

OLD CURRICULUM

MM-Electronic Music (MTCE)

Major Area

- 2 credits MTC506 MIDI and Control Processing
- 2 credits MTC507 Digital Sound Synthesis and Processing
- 3 credits MTC521 Multimedia for Musicians
- 6 credits MTC667 Advanced Electronic and Computer Music Seminar
- 6 credits MTC710 Thesis Project

Other Studies in Music

- 4 credits MTC648 Electronic Music Ensemble

Electives

- 4 credits MTCXXX Approved Elective in MTC
- 3 credits MMIXXX Approved Elective in Music Engineering
- 3 credits MXXXXX Graduate Level Electives

UNIVERSITY OF MIAMI
GRADUATE SCHOOL



Course Change Form

Course as it appears in current bulletin

Scan Code: RGCCCHG

School/College MU - Frost School of Music

Is this an experimental course?
Yes No

Department MTC

Effective Date _____

Course Number 505
e.g. ACC101

Number of Credits 2
e.g. 1-3 or 3-0

Full Course Title Electronic Music Studio

Abbreviated Course Title _____

Course Description (If course description is too long, please attach the entire description to this form.)
.see attached

Prerequisite(s) MTC 211 or per

Frequency Spring

Course as you wish it to appear in subsequent bulletin(s)

Department Code MTC

Course Number 505

Number of Credits 2

Full Course Title Analysis and History of Electroacoustic and Acousmatic Music

Abbreviated Course Title _____

Taken for Credit Only?
Yes No

Full-Time Indicator*
Yes No

Identifiers _____

WRITE, HONOR, INTR1, INTR2, INTR3, INTR4, etc.

Course Description (If course description is too long, please attach the entire description to this form.)

Prerequisite(s)

Change Effective Date

MTC 312 or permission

June 1, 2011

Co-requisite(s)

Reason for Change

Frequency

To reflect better the course material taught

FALL

Department Contact Charles Mason

E-mail Address c.mason@miami.edu

Phone 6637

To be signed and dated by the following:

Department Chair

Approve

Disapprove

Date

Academic Dean/Director _____

Dean of the Graduate School _____

*Justification for course being worthy of full-time status must also be submitted.

Please return form to:

Graduate School, 1541 Brescia Ave., Coral Gables, FL 33146

For more information, please call (305) 284-4154, fax (305) 284-5441 or e-mail graduateschool@miami.edu

MTC505

Old Description:

MTC 505 Electronic Music Studio: Introduction to electroacoustic music and the digital electronic music studio. Computer and MIDI based applications in performance and composition including sequencing, music notation, and electronic orchestration are addressed. Theoretical and aesthetic issues relating to music technology, study of important figures and works. Lectures, reading, listening, and studio assignments leading to individual projects are also included.

New Description:

MTC 505 Analysis and History of Electroacoustic and Acousmatic Music: Course examines electroacoustic and acousmatic music from both a historical/literature and analytical perspective. Analytical techniques with a focus on an ecological analysis approach will be conducted as well as a survey of electroacoustic, acousmatic, and digital music.

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Course Change Form

Course as it appears in current bulletin

Scan Code: RGCCCHG

School/College MU - Frost School of Music

Is this an experimental course?

Yes No

Department MTC

Effective Date _____

Course Number 506
e.g. ACC101

Number of Credits 2
e.g. 1-3 or 3-0

Full Course Title MIDI and Control Processing

Abbreviated Course Title _____

Course Description (If course description is too long, please attach the entire description to this form.)

.see attached

Prerequisite(s) MTC 505 or per

Frequency Fall

Course as you wish it to appear in subsequent bulletin(s)

Department Code MTC

Course Number 506

Number of Credits 2

Full Course Title Digital Editing and Sequencing

Abbreviated Course Title _____

Taken for Credit Only?
 Yes No

Full-Time Indicator*
 Yes No

Identifiers _____

WRITE, HONOR, INTR1, INTR2, INTR3, INTR4, etc.

Course Description (If course description is too long, please attach the entire description to this form.)

see attached

Prerequisite(s)

MTC 112

Co-requisite(s)

Frequency

SPRING

Change Effective Date

June 1, 2011

Reason for Change

To reflect better the course material taught

Department Contact Charles Mason

E-mail Address c.mason@miami.edu

Phone 6637

To be signed and dated by the following:

Department Chair

Academic Dean/Director _____

Dean of the Graduate School _____

Approve



Disapprove



Date





*Justification for course being worthy of full-time status must also be submitted.

Please return form to:

Graduate School, 1541 Brescia Ave., Coral Gables, FL 33146

For more information, please call (305) 284-4154, fax (305) 284-5441 or e-mail graduateschool@miami.edu

MTC 506

Old Description:

MTC 506: MIDI and Control Processing

Computers as control devices for music synthesis. Topics include interfacing microcomputers and synthesizers, programming of controllers, sequencers, patch librarians, sound editors, and other applications. Computer assisted composition and performance techniques, lectures, reading, listening, and studio assignments leading to individual projects are also included.

New Description:

MTC 506: Digital Editing and Sequencing:

Computers as control devices for music synthesis and digital manipulation of pre-recorded sounds. Topics include interfacing sequencing software with software synthesizers, performance techniques, and sound design using samples.

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Course Change Form

Course as it appears in current bulletin

Scan Code: RGCCCHG

School/College MU - Frost School of Music

Is this an experimental course?
Yes No

Department MTC

Effective Date _____

Course Number 507
e.g. ACC101

Number of Credits 2
e.g. 1-3 or 3-0

Full Course Title Digital Sound Synthesis and Processing

Abbreviated Course Title _____

Course Description (If course description is too long, please attach the entire description to this form.)
.see attached

Prerequisite(s) MTC 506 or per

Frequency Spring

Course as you wish it to appear in subsequent bulletin(s)

Department Code MTC

Course Number 507

Number of Credits 2

Full Course Title Studio Licensing

Abbreviated Course Title _____

Taken for Credit Only?
Yes No

Full-Time Indicator*
Yes No

Identifiers _____

WRITE, HONOR, INTR1, INTR2, INTR3, INTR4, etc.

Course Description (If course description is too long, please attach the entire description to this form.)

Prerequisite(s)

Change Effective Date

Permission of Instructor

June 1, 2011

Co-requisite(s)

Reason for Change

Frequency

To reflect better the course material taught

FALL/SPRING

Department Contact Charles Mason

E-mail Address c.mason@miami.edu

Phone 6637

To be signed and dated by the following:

Department Chair *Ann's Karr*

Approve

Disapprove

Date



Academic Dean/Director _____



Dean of the Graduate School _____



*Justification for course being worthy of full-time status must also be submitted.

Please return form to:

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MTC 507

Old Description:

MTC 507 Digital Sound Synthesis and Processing: Software-based techniques of digital audio recording and editing, sound synthesis/design, audio signal processing, and sound analysis. Lectures, reading, listening, and studio assignments leading to individual projects in synthesis, composition, performance, or programming are included.

New Description:

MTC 507 Studio Licensing: Licensing for access to Digital Arts and Media Writing Studios. Topics covered include digital audio recording and editing, sound synthesis/design, audio signal processing, sound analysis and spatial placement of sound. Course includes studio-use qualifying exams.

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Course Change Form

Course as it appears in current bulletin

Scan Code: RGCCCHG

School/College MU - Frost School of Music

Is this an experimental course?
Yes No

Department MTC

Effective Date _____

Course Number 605
e.g. ACC101

Number of Credits 2
e.g. 1-3 or 3-0

Full Course Title Electronic Music Circuit Design

Abbreviated Course Title _____

Course Description (If course description is too long, please attach the entire description to this form.)
.see attached

Prerequisite(s) MTC 505 or per

Frequency Fall

Course as you wish it to appear in subsequent bulletin(s)

Department Code MTC

Course Number 605

Number of Credits 2

Full Course Title Digital Art and Sound Design

Abbreviated Course Title _____

Taken for Credit Only?
Yes No

Full-Time Indicator*
Yes No

Identifiers _____

WRITE, HONOR, INTR1, INTR2, INTR3, INTR4, etc.

Course Description (If course description is too long, please attach the entire description to this form.)
see attached

Prerequisite(s) _____

Change Effective Date _____

MTC 507

June 1, 2011

Co-requisite(s) _____

Reason for Change _____

Frequency _____

To reflect better the course material taught

Spring

Department Contact Charles Mason

E-mail Address c.mason@miami.edu

Phone 6637

To be signed and dated by the following:

Department Chair *Deanna Karm*

Approve

Disapprove

Date

Academic Dean/Director _____

Dean of the Graduate School _____

*Justification for course being worthy of full-time status must also be submitted.

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For more information, please call (305) 284-4154, fax (305) 284-5441 or e-mail graduateschool@miami.edu

MTC 605

Old description: MTC 605 Electronic Music Circuit Design: Basic concepts of circuits for electronic and computer music equipment, electronic music studio design, and maintenance.

New description: MTC 605: Digital Arts and Sound Design: Software-based techniques of sound synthesis. Topics will include synthesis using Ircam Tools, Max/Msp, Jitter, Csound, and PureData.