

**MINUTES**  
**Institute Graduate Curriculum Committee**  
**College of Engineering Conference Room**  
**3<sup>rd</sup> Floor Tech Tower**  
**February 21, 2006**

PRESENT: Green (MATH), Parsons (MGT), Peponis (COA), Murray (LCC), Wills (ECE), Pikowsky (Registrar)

VISITORS: Butera (ECE/BioE), Clark (MUSIC), Allen (COA), Weinberg (MUSIC), Scott (MGT), Will (CEE), Girardet (CETL), Kilroy (Graduate Studies), Barry Goodno (CEE)

1. A motion was made to approve the minutes of the January 19, 2006 meeting, with revisions as noted by the Chair. The motion was seconded and approved. Unanimous.
2. A motion was made to approve the subcommittee recommendations on student petitions. The motion was seconded and approved. Unanimous.

<b>Reason for Petition</b>	<b>Approve</b>	<b>Total</b>	<b>Denied</b>	<b>Total</b>
Use courses taken in Special status toward Master's degree	2			
Change status to full graduate and use courses taken in special status toward degree	1			
Waiver of 6-year rule	1			
Waiver of two terms of full-time enrollment	1			
Late withdrawal from school	1			
Late grade change	1			
<b>TOTALS:</b>		Approved: 7		Denied: 0

3. A motion was made to approve a request from Management for the use of non-standard terms (mini-mesters) for courses in its MBA program. The motion was seconded and approved. Unanimous. [Note: This approval is restricted to specific courses required in the MBA program which exist in a lock-step curriculum that does not interact with other programs at the Institute. This decision does not represent blanket approval for an alternate course scheduling model. A review of this model for required MBA courses will be conducted in two years to determine its effectiveness and whether it should be continued.]

4. A motion was made to approve a modification in the degree requirements for the PhD in Bioengineering. The motion was seconded and approved. Unanimous.

Replace the existing Mathematics requirement (6 hours, of which 3 hours must be at the graduate level) with an “Engineering Mathematics” requirement of 3 hours. Students must select from a list of graduate-level courses approved by the Graduate Committee. This change reduces the number of course work hours for the Ph.D. from 36 to 33 semester hours.

5. A motion was made to approve a request from the School of Civil and Environmental Engineering for a new course, CEE 6542. The motion was seconded and approved. Unanimous.

### **NEW COURSE**

CEE 6542 Consequence-Based Earthquake Engineering 3-0-3

6. A motion was made to approve a request from the Center for the Enhancement of Teaching and Learning for a new course, CETL 8000. The motion was seconded and approved. Unanimous.

### **NEW COURSE**

CETL 8000 Graduate Teaching Assistant Preparation 1-0-1

7. A motion was made to approve a request from the College of Architecture, Department of Music for a new MS program in Music Technology. The motion was seconded and approved. Unanimous. [Note: Approval was granted with the following caveats. The title of the Project Track, Music Production and Multimedia Concentration should be renamed in consultation with LCC. The title of the new course MUSI 6105, Digital Media Production and Mastering, should be reconsidered and altered in consultation with LCC. The new course MUSI 6202, Digital Audio Processing, should be discussed with ECE for possible cross-listing due to the existence of a similar course. In addition, it was noted that the credit requirement, 48, is an unusually high number and must be supported by specific rationale.]

Background: The program will be a four semester program for a total of 48 credit hours. Similar music and media technology programs, such as those at such peer institutions as MIT, UCSD, and the University of Miami, also offer 48 hour curricula. The program will offer two different concentrations, Computer Music Research and Engineering and Music Production and Multimedia. Applicants will have to demonstrate their musical background in performance, composition and/or theory, as well as basic skills in programming and or engineering in order to be admitted to the program.

### **NEW DEGREE**

MS in Music Technology

### **RENUMBERED COURSES**

The following courses that have not yet been taught have been renumbered to fit into specific groups in a coherent way:

**MUSI 6102 – OLD**  
**MUSI 6002 – NEW**

**MUSI 6101 – OLD**  
**MUSI 6301 – NEW**

**NEW COURSES**

MUSI 6105 Digital Media Production and Mastering 2-3-3  
(Note: Course title will change)

MUSI 6201 Computational Music and Audio Analysis 2-3-3

MUSI 6202 Digital Audio Processing 2-3-3  
(Note: Possible cross-listing with ECE)

MUSI 6203 Project Studio in Music Technology 2-3-3

MUSI 6302 The Musical Mind 3-0-3

MUSI 6303 Network Music 2-3-3

MUSI 6304 Computer Music Composition 2-3-3

MUSI 7000 Master's Thesis 1 to 21

MUSI 7100 Music Technology Research Lab 1 to 21

MUSI 8801 Special Topics 1 to 5

MUSI 8901 Special Problems 1 to 21

Adjourned,

Reta Pikowsky  
Registrar