

UNIVERSITY CURRICULUM COMMITTEE
February 17, 2011

The University Curriculum Committee met on Thursday, February 17 at 3:00 p.m. in the Dean's Conference Room, Derryberry Hall.

Members present:

Dr. Jack Armistead
Dr. Curtis Armstrong
Dr. Sue Bailey
Dr. Jeff Boles
Mr. Ward Doubet
Ms. Edith Duvier
Dr. Kurt Eisen
Dr. Ahmed Elsayy
Dr. Dan Fesler
Ms. Julie Galloway
Dr. Bobby Hodum
Dr. Darrell Hoy
Dr. David Huddleston
Dr. Sharon Huo
Dr. Steve Isbell
Dr. James Jordan-Wagner

Dr. Homer Kemp
Mr. Ted LaBar
Dr. Marketta Laurila
Dr. Roy Loutzenheiser
Ms. Beth Mannle
Dr. Allan Mills
Ms. Deanna Nipp-Kientz
Dr. P.K. Rajan
Dr. James Raymondo
Dr. Jeff Roberts
Dr. Stephen Robinson
Dr. Barry Stein
Ms. Janet Whiteaker
Ms. Jerri Winningham
Mr. Daniel Mayo
Mr. Clay Stubblefield

Members absent:

Dr. Pat Bagley
Dr. Susan Elkins
Dr. Billye Foster
Dr. Sherry Gaines
Dr. Mike Harrison
MAJ Brett Martin
Dr. Francis Otuonye
Dr. Paul Semmes

Dr. Matt Smith
Dr. Mark Stephens
Ms. Jessica Bryant
Ms. Megan Carter
Ms. Jenna Crunk
Ms. Chole Jeffries
Mr. Isaac Keeble
Mr. Kyle Koser

Official representatives:

Dr. Mario Oyanander for Dr. Arce
Ms. Christina Turnbow for Dr. Barfield
Dr. Michael Clark for Dr. Barnes

Dr. Christy Carter for Dr. Combs
Dr. Pat Jordan for Dr. Peach
Ms. Denise Hensley for Ms. Rogers
Dr. Sheikh Ghafoor for Dr. Talbert

Guests:

Ms. Jerri Bentley

Dr. Linda Null

SUMMARY OF PROCEEDINGS

- I. Approval of agenda as revised
- II. Approval of October 21, 2010 minutes
- III. Approval of course change for UNIV 1020
- IV. Approval of course and curriculum changes from the Department of Music and Art
- V. Approval of new option for Bachelor of Music in Performance for Music Business from the Department of Music and Art
- VI. Proposal for program changes in Bachelor of Music – MUIN and MUVO withdrawn
- VII. Approval of Art Education curriculum changes from the Department of Music and Art
- VIII. Approval of course addition from the Department of History
- IX. Approval of course change from the Department of History
- X. Approval of curriculum change from the Department of Sociology and Political Science
- XI. Approval of curriculum changes from the Department of Mechanical Engineering
- XII. Informational Only - UNIV 1020 change from the College of Engineering
- XIII. Approval of course addition and changes from the Department of Civil & Environmental Engineering
- XIV. Approval of course addition from the Department of Chemical Engineering
- XV. Approval of course additions, changes and curriculum changes from the Department of Electrical and Computer Engineering
- XVI. Approval of course changes from the Department of Manufacturing and Industrial Technology
- XVII. Approval of curriculum addition from the Department of Exercise Science, Physical Education and Wellness
- XVIII. Approval of course additions, deletions and curriculum change from the Department of Exercise Science, Physical Education and Wellness
- XIX. Approval of curriculum changes from the Department of Foreign Languages
- XX. Appointment of nominating committee for 2011-12 chairperson

1. Approval of Agenda

Motion. Upon the request of the Department of Music and Art, Dr. Raymondo moved to withdraw item #4 (Addition to General Education Core for Music Majors only) from the agenda. The motion was seconded and carried.

2. Approval of October 21, 2010 minutes

Motion. Dr. Elsayy moved to approve the minutes as submitted. The motion was seconded by Dr. Robinson and carried.

3. Approval of Change to UNIV 1020 and Equivalent Courses

In a memorandum dated January 28, 2011, approval was requested for the following:

Course Change

FROM: UNIV 1020. First-Year Connections.
TO: UNIV 1020. First-Year Connections.
Prerequisite: Freshman standing.

Motion. Dr. Kemp moved to approve the change effective Fall 2011. The motion was seconded by Dr. Mills and carried.

4. Approval of Curriculum Changes from the Department of Music and Art

In a memorandum dated February 9, 2011, approval was requested for the following:

Changes:

1. Changes in prerequisites, course descriptions.

From: MUED 3110 Materials and Methods in Music, K-6. Lec. 3. Credit 3.

To: MUED 3110 Materials and Methods in Music, **K-5**. Lec. 3. Lab. 1. Credit 3.

Prerequisite: Admission to Teacher Education Program. This course will explore materials, methods and techniques used in teaching general music to children in grades Kindergarten through five. Public school field experience required.

From: MUED 3130 Materials and Methods in Instrumental Music, 7-12. Lec. 3. Credit 3.

To: MUED 3130 Materials and Methods in Instrumental Music, **6-12**. Lec. 3. Lab. 1. Credit 3.

Prerequisite: Admission to Teacher Education Program. Intended for the instrumental music education major, this course will explore a variety of materials, methods and techniques that can be used to build and maintain successful school band and orchestra programs. Public school field experience required.

From: MUED 3140 Materials and Methods in Vocal Music, 7-12. Lec. 3. Credit 3.

To: MUED 3140 Materials and Methods in Vocal Music, **6-12**. Lec. 3. Lab. 1. Credit 3.

Prerequisite: Admission to Teacher Education Program. Intended for the vocal/general music education major, this course is directed toward developing a working knowledge of teaching strategies necessary for successful choral/general music programs. Public school field experience required.

2. Curriculum change for Bachelor of Music in Music Education Instrumental/General - Strings (MUIN) and Course Change.

Delete: MUED 3730. String Pedagogy and Literature I.

Add: MUED 3735. String Pedagogy and Literature I.

Lec. 1. Lab. 2. Credit 2. (*new course*)

Techniques and methods used in developing a public school string education program. (Syllabus attached)

3. Change in prerequisites.

The following classes all currently require the successful completion of a Piano Exam skills test as a prerequisite:

- i. MUED 3110. Materials and Methods in Music, Grades K-6
- ii. MUED 3130. Materials and Methods in Instrumental Music, Grades 7-12.
- iii. MUED 3140. Materials and Methods in Vocal Music, Grades 7-12.
- iv. MUED 3230. Marching Band Techniques.
- v. MUED 3620. Fundamentals of Conducting.
- vi. MUED 3810. Practicum in Music Education I.
- vii. MUED 3830. Practicum in Music Education II, Instrumental.
- viii. MUED 3840. Practicum in Music Education II, Vocal.
- ix. MUS 3130. Form and Analysis.
- x. MUS 3210. Instrumentation.
- xi. MUS 3220. Jazz Composition and Arranging I.
- xii. MUS 3240. Choral Literature.
- xiii. MUS 4250. Recording Techniques.

From: Piano Exam (delete)

To: For all the above course descriptions, delete the words "Piano Exam" and add MUS 1024 to the list of prerequisites.

Example:

MUS 3130. Form and Analysis...

Old – Prerequisites: MUS 2130 and Harmony/AT/Piano Exam.

New - Prerequisites: MUS 1024, 2130 and Harmony/AT Exam.

4. Change in prerequisites.

From: MUS 3210. Instrumentation.

Lec. 2. Credit 2.

Prerequisites: MUS 2130, MUS 2140, MUS 4510, and Harmony/AT/Piano Exam.

To: Prerequisites: MUS 1024, MUS 2130, MUS 2140, MUS 4510, MUED 3620, and Harmony/AT/Exam.

5. Change in course descriptions.

The following classes require passage of the PPST (Pre-Professional Skills Test) as a prerequisite:

1. MUED 3110. Materials and Methods in Music, Grades K-6
2. MUED 3130. Materials and Methods in Instrumental Music, Grades 7-12.
3. MUED 3140. Materials and Methods in Vocal Music, Grades 7-12.
4. MUED 3230. Marching Band Techniques.
5. MUED 3620. Fundamentals of Conducting.
6. MUED 3810. Practicum in Music Education I.
7. MUED 3830. Practicum in Music Education II, Instrumental.
8. MUED 3840. Practicum in Music Education II, Vocal.

From: PPST (all instances)

To: Praxis I exam (all instances)

6. Updating titles of degree programs.

From: Bachelor of Music (MUS) Instrumental Licensure (MUIN), all instances.

To: Bachelor of Music (MUS) Instrumental/General Music K-12 Licensure (MUIN)

From: Bachelor of Music (MUS) Vocal/General Licensure (MUVO), all instances.

To: Bachelor of Music (MUS) Vocal/General Music K-12 Licensure (MUVO)

7. Change in prerequisites.

To reflect the departmental [policy](#), the phrase “with a grade of C or better” will be added to existing prerequisite(s) for the following group of classes:

MUS 1081. Improvisation I. Lab. 2. Credit 1.

Prerequisites: MUS 1140 and MUS 1150 with a grade of C or better.

MUS 1082. Improvisation II. Lab. 2. Credit 1.

Prerequisite: MUS 1081 with a grade of C or better. Development of

MUS 1140. Harmony II. Lec. 3. Credit 3.

Prerequisite: MUS 1120 with a grade of C or better. Corequisite: MUS 1150.

MUS 1150. Aural Techniques II. Lab. 2. Credit 1.

Prerequisite: MUS 1130 with a grade of C or better. Corequisite: MUS 1140.

MUS 2110. Harmony III. Lec. 1. Lab. 2. Credit 2.

Prerequisite: MUS 1140 with a grade of C or better. Corequisite: MUS 2120.

MUS 2130. Harmony IV. Lec. 1. Lab. 2. Credit 2.

Prerequisite: MUS 2110 with a grade of C or better. Corequisite: MUS 2140.

MUS 2140. Aural Techniques IV. Lab. 2. Credit 1.

Prerequisite: MUS 2120 with a grade of C or better. Corequisite: MUS 2130.

MUS 3130. Form and Analysis.	Lec. 2. Credit 2.
Prerequisites: MUS 2130 <u>with a grade of C or better</u> and Harmony/AT/Piano Exam.	
MUS 3140. Counterpoint.	Lec. 3. Credit 3.
Prerequisite: MUS 3130 <u>with a grade of C or better</u> .	
MUS 3210. Instrumentation.	Lec. 2. Credit 2.
Prerequisites: MUS 2130, MUS 2140, MUS 4510 <u>with a grade of C or better</u> , and Harmony/AT/Piano Exam.	
MUS 3220. Jazz Composition and Arranging I.	Lec. 2. Credit 2.
Prerequisites: MUS 2130, 2140 <u>with a grade of C or better</u> , Harmony/AT/Piano Exam.	
MUS 3230. Jazz Composition and Arranging II.	Lec. 2. Credit 2.
Prerequisite: MUS 3220 <u>with a grade of C or better</u> .	
MUS 3240. Choral Literature.	Lec. 2. Credit 2.
Prerequisites: MUS 2130, MUS 2140 <u>with a grade of C or better</u> , Harmony/AT/Piano Exam.	
MUS 3010. Music History and Literature I.	Lec. 3. Credit 3.
Prerequisites: MUS 1030, 1140, and 1150 <u>with a grade of C or better</u> .	
MUS 3020. Music History and Literature II.	Lec. 3. Credit 3.
Prerequisites: MUS 1030, 1140, 1150 <u>with a grade of C or better</u> .	
MUS 3810. Vocal Pedagogy and Literature II.	Lec. 2. Credit 2.
Prerequisite: MUS 3800 <u>with a grade of C or better</u> .	
MUS 4120 (5120). Contemporary Music.	Lec. 2. Credit 2.
Prerequisites: MUS 3010 or 3020 and MUS 2110-2120 <u>with a grade of C or better</u> .	
MUS 4250. Recording Techniques.	Lec. 2. Lab. Arr. Credit 2.
Prerequisites: MUS 2310, 2140 <u>with a grade of C or better</u> , Harmony/AT/Piano Exam.	
MUS 4510. Computer Applications in Music.	Lec. 1. Lab. 2. Credit 2.
Prerequisites: MUS 1120 and MUS 1130 <u>with a grade of C or better</u> .	

8. Change in course descriptions.

Please change course descriptions for the following classes based on this statement of Departmental [policy](#):

Performance Majors

5. A minimum grade of "B" is required to pass a degree recital.

MUS 3950. Junior Recital. Credit 1.
Prerequisite: Consent of studio instructor. Corequisite: Enrollment in upper level private instruction in pertinent studio. Recital fee applies. Bachelor of Music in Performance majors must earn a grade of B or better to pass.

MUS 4000. Senior Recital. Credit 1.
Prerequisite: Consent of studio instructor. Corequisite: Enrollment in upper level private instruction in pertinent studio. Recital fee applies. Bachelor of Music in Performance majors must earn a grade of B or better to pass.

9. Catalog correction.

Delete the following statement from page 150 of the current Undergraduate Catalog for Bachelor of Music (MUS) Instrumental/General Music K-12 Licensure (MUIN) majors:

***Students with no vocal experience must enroll in one semester of MUS 1021, Class Voice, and one semester of MUS 1070, Concert Choir. Students with previous vocal training enroll for two semesters in a choral ensemble.*

10. Curriculum change.

In the Bachelor of Music in Performance, Instrumental (MUPI) concentration:

Delete: 2 credits of Electives from Senior Year.

Add: MUED 3630 Instrumental Conducting and Literature, 2 credits, to Junior Year.
Move: HIST 2020 to Senior Year.

11. Curriculum change.

In the Bachelor of Music in Performance, Piano (MUPP) concentration:

Delete: Minor Ensemble, 2 credits, from Senior Year, and

Delete: MUS 1005 Chamber Music, 1 credit, from Junior Year.

Add: Upper Level Elective(s), 3 credits, to Senior Year.

Justification: Adding three Upper Division credits is necessary to meet the 36-credit Upper Level minimum requirement for undergraduate degrees. No net change in degree program credits.

12. Change in course number:

Change: From: MUS 1006 Opera Workshop. Lab. 2. Credit 0-1.

To: MUS 3006 Opera Workshop. Lab. 2. Credit 0-1.

13. Curriculum change.

In the Bachelor of Music in Performance, Vocal (MUPV) concentration:

Change: From three credits of MUS 1006 to three credits of MUS 3006 (see #12 above)

Delete: MUS 1029 Oratorio Class. 1 credit, from Senior Year,

Delete: MUS 1081 and MUS 1082 Improvisation I/II. 1 credit each for (deleting 2 credits).

Delete: Foreign Language elective, 3 credits, from Senior Year.

Add: Upper Division Elective(s), 2 credits, to Junior Year.

MUED 4510 or 4520 Special Problems, 2 credits, to Senior Year.

MUS 3240 Choral Literature, 2 credits, to Senior Year.

14. Change in course description.

From:

MUED 1820. Introduction to Music Education. Lab. 3. Credit 1.

An introduction to the music education profession with emphasis on observing a variety of K-12 public school teaching/conducting settings.

To:

MUED 1820. Introduction to Music Education. Lab. 3. Credit 1.

Prerequisites: MUS 1140 and MUS 1150. Introduction to the music education profession with emphasis on observing a variety of K-12 public school teaching/conducting settings. Music Education majors only.

Motion. Mr. LaBar moved to approve the changes effective Fall 2011. The motion was seconded by Dr. Mannle and carried.

4. Approval of New Bachelor of Music in Performance option in Music Business

In a memorandum dated February 8, 2011, approval was requested for the following:

New Option in Bachelor of Music in Performance concentration:

Music - Performance**MUSIC (MUS)****MUSIC BUSINESS (MUPB)**

Freshman Year	sem. hrs.
UNMU 1020 ¹ First-Year Connections	1
ENGL 1010 Writing I	3
ENGL 1020 Writing II	3
Any General Education Math	3
MUS 1021 ² Class Voice Instruction I	1
MUS 1023 Intermediate Class Piano for Music Majors III	1
MUS 1024 Intermediate Class Piano for Music Majors IV	1
MUS 1030 Music Appreciation (Spring)	3
MUS 1070 ² Concert Choir	1
MUS 1120 Harmony I	3
MUS 1130 Aural Techniques I	1
MUS 1140 Harmony II	3
MUS 1150 Aural Techniques II	1
Applied Music	4
<u>Major Ensemble</u>	<u>2</u>
Total	31

Junior Year	sem. hrs.
HIST 2010 American History I	3
HIST 2020 American History II	3
ACCT 3720 Survey of Accounting	3
BMGT 3510 Management & Organizational Behavior	3
MKT 3400 Principles of Marketing	3
MUED 3630 Instrumental Conducting and Literature	2
MUS 3010 Music History and Literature I	3
MUS 3020 Music History and Literature II	3
MUS 3130 Form and Analysis	2
Applied Music	4
<u>Major Ensemble</u>	<u>2</u>
Total	31

Sophomore Year	sem. hrs.
ENGL 2130, 2230 or 2330	3
Natural Science Electives	8
PC 2500 or SPCH 2410	3
MUS 1081 Improvisation I	1
MUS 2110 Harmony III	2
MUS 2120 Aural Techniques III	1
MUS 2130 Harmony IV	2
MUS 2140 Aural Techniques IV	1
MUS 4510 Computer Applications in Music	2
Applied Music	4

(Leading to the Bachelor of Music Degree)

<u>Major Ensemble</u>	<u>2</u>
Total	29

Senior Year	sem. hrs.
Humanities/Fine Arts Elective	3
ECON 2010 ⁴ Principles of Microeconomics	3
ECON 2020 ⁴ Principles of Macroeconomics	3
FIN 3210 Principles of Managerial Finance	3
LAW 3810 Legal Environment of Business	3
MUS 3710 Pedagogy and Literature I	2
MUS 4000 Senior Recital	1
MUS 4250 Recording Techniques	2
Guided Business Elective ³	3
Music Elective(s)	2
Applied Music	4
<u>Major Ensemble</u>	<u>1</u>
Total	30

¹ This course not included in 120-hour curriculum.

² For these classes voice students substitute MUS 1210 and 1220 Diction for Singers I and II.

³ This course to be selected in consultation with the student's advisor from the following list:

- BMGT 3630. Human Resource Management
- DS 3810. Business Applications of Microcomputers
- DS 3841. Management Information Systems
- FIN 3220. Intermediate Financial Management
- MKT 3650. Sales Management
- MKT 4500. Retail Marketing Management

⁴ These courses fulfill the Social/Behavioral Science requirement for general education.

Music	63 hrs	53%
Business	24 hrs	20%
Upper Division	41 hrs	
Program Total	120 hr	

Effective Date: Fall, 2011

Motion. Dr. LaBar moved to approve the new option effective Fall 2011. The motion was seconded by Dr. Stein.

6. Proposal for Program Changes in Bachelor of Music – MUIN and MUVO Options Withdrawn from the Department of Music and Art

After considerable discussion regarding the proposal's need for three credits in humanities to be added, and the need for these credits to be approved as general education courses at the state level, Mr. LaBar withdrew the proposal from the agenda.

7. Approval of Art Education Course Additions and Program Changes

In a memorandum dated January 26, 2011, approval was requested for the following:

Course Additions:

ARED 3155. Elementary Practicum. Lab. 1. Credit 1.

Prerequisites: ARED 2020, ART 3200. Corequisite: ART 3205. This practicum is to prepare art education students for their Residency I and II requirements in the senior year. Students will be required to spend at least 20 hours in a public school elementary art environment.

ARED 3165. Secondary Practicum. Lab. 1. Credit 1.

Prerequisites: ARED 2020, ARED 3155, ART 3200, ART 3205.

This practicum is to prepare art education students for their Residency I and II requirements in the senior year. Students will be required to spend at least 20 hours in a public school secondary art environment.

ART 3205. Methods and Media. Lec. 1. Studio 1. Credit 2.

Prerequisite: ARED 2020, ART 3200.

The course is structured to provide art education majors with opportunities to constructively develop and apply their knowledge and skills in the theory and practice of teaching the visual arts.

ARED 4871. Residency I. Credit 5.

Corequisite: ARED 4872.

Performance based clinical experience in authentic settings involving planning appropriate instruction based on student's needs, creating a positive learning environment, communicating and collaborating with colleagues and others, effectively assessing student learning and reflecting on practice.

ARED 4872. Professional Seminar I. Credit 5.

Corequisite: ARED 4871.

Seminar for residency I candidates to develop curriculum, identify effective instructional strategies, and implement appropriate assessment methods to support and meet the needs of all learners.

ARED 4881. Residency II. Credit 10.

Corequisite: ARED 4882.

Performance based full time clinical experience in authentic settings involving planning appropriate instruction based on student's needs, demonstrating effective instructional strategies, creating a positive learning environment, communicating and collaborating with colleagues and others, effectively assessing student learning and reflecting on practice.

ARED 4882. Professional Seminar II. Credit 2.

Corequisite: ARED 4881.

Seminar for residency II candidates supporting professional development in areas of planning, assessment, instruction, classroom management, communication and reflection.

Course Deletions from Program:

EDPY 3300 – 3

ARED 3220 – 2

ARED 4870 – 5

ARED 4880 - 5

ARED 4890 - 2

SPED 3000 – 3

Program Changes:

From: ART 2510, 2610,2710, 2810, or 2910 6

To: ART 2510, 2610,2710, 2810, or 2910 3

Motion. Mr. LaBar requested to change ART 2320 Drawing I to ART 2320 Drawing II under the Sophomore year. He moved to approve the changes effective Fall 2011. The motion was seconded by Dr. Mannle and carried.

8. Approval of Course Addition from the Department of History

In a memorandum dated January 27, 2011, approval was requested for the following:

Course Addition:

HIST 4710 (5710). History of Africa.

Lec. 3 Credit 3.

History of Africa with an emphasis on the nineteenth and twentieth centuries.

Description: This course will primarily focus on the African continent through the interaction of its peoples with Europe and other cultures from around the world, and the ways in which African

cultures responded to these interactions. The majority of the course will focus on the nineteenth and twentieth centuries, but will consider earlier developments including the introduction of Islam, cultural interactions with the world during the 1300s-1700s, and the slave trade.

Motion. Dr. Roberts moved to approve the addition effective immediately. The motion was seconded by Dr. Eisen and carried.

8. Approval of Course Change from the Department of History

In a memorandum dated January 24, 2011, approval was requested for the following:

Course Change:

From:

HIST 3410. Historical Methods.

Lec. 3. Credit 3.

Prerequisites: None

To: (As Amended)

HIST 3410, Historical Methods.

Lec. 3. Credit 3.

Prerequisite: Permission required.

Motion. Dr. Roberts requested to amend the proposal to read as stated above and moved to approve the change effective Fall 2011. The motion was seconded by Dr. Eisen and carried.

9. Approval of Curriculum Change from the Department of Sociology and Political Science

In a memorandum dated November 17, 2010, approval was requested for the following:

Curriculum Change: Sociology Major with a Concentration in Social Work

From:

Junior Year

PSY course

To:

Junior Year

PSY course or EDPY 2200

Motion. Dr. Stein moved to approve the change effective Fall 2011. The motion was seconded by Dr. Laurila and carried.

10. Approval of Curriculum Changes and Course Additions from the Department of Mechanical Engineering

Curriculum Changes:

To be added to the new M.E. 2011-12 Curriculum as required by TBR:

1. PHYS 2120 Calculus-based Physics II (3 cr-hr)
2. PHYS 2111 Calculus-based Physics I Lab (1 cr-hr)
3. PHYS 2121 Calculus-based Physics II Lab (1 cr-hr)
4. MATH 2010/2011 Elementary Matrix Algebra Lec/Lab (2 ,1 cr-hr)

To be removed as required courses from the new M.E. 2011-12 Curriculum to make room for the above:

1. CHEM 1120 General Chemistry II (4 cr-hr)
2. MATH 4510 Advanced Mathematics for Engineers (3 cr-hr)
3. ISE 3110 Principles of Engineering Economy (2 cr-hr)
4. ECE 3810/3860 Fund of Electrical Engineering, Lec & Lab (3 & 1 cr-hr) –
Note: To be replaced by ECE 2010 Electric Circuits I (3 cr-hr) as a required course
5. ENGR 1020 Connections to Engineering and Technology (1 cr-hr) – To be moved outside the 128 cr-hr M.E. curriculum as only a University requirement

New courses to be added to M.E. 2011-12 Curriculum:

1. ME 3001 Mechanical Engineering Analysis (3 cr-hr) as an upgrade to ME 2001 Elem Mech Engr Analysis (2 cr-hr) by content addition and change
2. ME 3900 Design and Professionalism (3 cr-hr) as an upgrade to ME 3910 M.E. Seminar (1 cr-hr) by content addition and change

Motion. Dr. Hoy moved to approve the changes and additions effective Fall 2011. The motion was seconded by Dr. Elsayy.

Dr. Mills stated he will vote no on the proposal due to the fact that content of MATH 4510 was being included the new ME 3001 course.

A vote was taken with one vote against the proposal. The motion carried.

11. For Information Only - Adding Prerequisite to UNIV 1020 equivalent courses from the College of Engineering

In a memorandum dated February 3, 2011, approval was requested for the following:

Course Change:

Add prerequisite of "Freshman Standing" to CEE 1020, CHE 1010, CSC 1020, and ENGR 1020

12. Approval of Course Addition and Changes from the Department of Civil and Environmental Engineering

In a memorandum dated February 4, 2011, approval was requested for the following:

A. COURSE ADDITIONS:

CEE 3000. Civil Engineering Graphics. Lab 4. Credit 2.
Prerequisite: Junior Standing. The course introduces students to the use of computer aided design and drafting software (CADD) and to instruct students in best practices for preparing Civil Engineering drawings.

B. Course Changes:

1) **From:**

CEE 2110. Engineering Mechanics – Statics. Lec. 3. Credit 3.

Prerequisite: ENGR 1120 and MATH 1920. Corequisite: PHYS 2110. Vector algebra, resultants, equilibrium, friction, centroids, inertia, trusses, machines and frames, beam shear and moments.

To:

CEE 2110. Engineering Mechanics – Statics. Lec. 3. Credit 3.
Prerequisite: ENGR 1120, MATH 1920 and PHYS 2110 (PHYS 2110 may be taken concurrently). Vector algebra, resultants, equilibrium, friction, centroids, inertia, trusses, machines and frames, beam shear and moments.

2) **From:**

CEE 3020. Surveying. Lec. 2. Lab. 2. Credit 3.
Prerequisites: ENGR 1120 and MATH 2110. Introduction to the fundamental principles, instruments and techniques associated with surveying for highway purposes.

To:

CEE 3020. Surveying. Lec. 2. Lab. 2. Credit 3
Prerequisites: MATH 2110. Introduction to the fundamental principles, instruments and techniques associated with surveying for highway purposes.

Motion. Dr. Huo moved to approve the addition and changes effective Fall 2011. The motion was seconded by Dr. Elsayy and carried.

13. Approval of Course Additions from the Department of Chemical Engineering

In a memorandum dated February 3, 2011, approval was requested for the following:

Course Additions:

CHE 4971, 4972, 4973 Special Topics in Chemical Engineering Credit 1, 2, 3.
Special Topics in Chemical Engineering taught on an as need basis.

Motion. Dr. Oyanader, representing Dr. Arce, moved to approve the addition effective Fall 2011. The motion was seconded by Dr. Elsayy.

14. Approval of Course Additions, Changes and Curriculum Changes from the Department of Electrical and Computer Engineering

In a memorandum dated February 7, 2011, approval was requested for the following:

Course Additions:

1. ECE 2011. Electrical Engineering Laboratory I. Lab 3. Credit 1.
Prerequisite: ECE 2010. (ECE 2010 may be taken concurrently). Introduction to electrical and electronic components, circuits, test equipment, and measurement techniques.
2. ECE 3060. Electrical Engineering Laboratory II. Lab 3. Credit 1.
Prerequisite: ECE 2011, ECE 2020, ECE 3010 and ECE 3300. (ECE 2020, ECE 3010 and/or ECE 3300 may be taken concurrently). Electrical and electronic circuits and measurement techniques. amplifiers, active and passive filters, switching circuits.
3. ECE 4910. Professional Issues in Electrical and Computer Engineering.
Lec.1. Rec. 1, Credit 1.

Prerequisites: SPCH2410 or PC2500 and Junior or Senior Standing. Professional topics in engineering, verbal technical communications.

4. ECE 4961. Capstone Design I. Lec.1. Lab. 6. Credit 3.
Prerequisites: ECE 3060, ECE 2110, ECE 3010, ECE 3300, and ECE 4910. (ECE 4910 may be taken concurrently). The first in a sequence of two capstone design project courses. Student teams will complete an industry client-driven system design project. Teamwork, leadership, project planning and management, specification, budgeting, design review, implementation, testing, weekly reporting, documentation, and oral presentation.

Course Changes:

The following courses involve prerequisite and/or minor changes necessitated by the rearrangement of course and course number changes.

From:

ECE 2010. Electric Circuits I. Lec. 3. Credit 3.
Prerequisites: MATH 1920, MATH 2120 and ECE 2000. (MATH 2120 and/or ECE 2000 may taken concurrently). Introduction to electric circuit quantities and components, systematic application of Ohm's and Kirchhoff's laws, superposition, Thévenin and Norton theorems, operational amplifiers, RL and RC transients, and circuit simulation with SPICE.

To:

ECE 2010. Electric Circuits I. Lec. 3. Credit 3.
Prerequisites: MATH 1920 and MATH 2120. (MATH 2120 may taken concurrently). Introduction to electric circuit quantities and components, systematic application of Ohm's and Kirchhoff's laws, superposition, Thévenin and Norton theorems, operational amplifiers, RL and RC transients, and circuit simulation with SPICE.

From

ECE 2020. Electric Circuits II. Lec. 3, Credit 3.
Prerequisites: ECE 2000, ECE 2010 and MATH 2120. Laplace transform methods for electric circuit analysis. Sinusoidal steady-state and power, mutual inductance, 3-phase circuits, frequency response, Bode plots, resonance and filters. Circuit simulation with SPICE

To:

ECE 2020. Electric Circuits II. Lec. 3, Credit 3.
Prerequisites: ECE 2010 and MATH 2120. Laplace transform methods for electric circuit analysis. Sinusoidal steady-state and power, mutual inductance, 3-phase circuits, frequency response, Bode plots, resonance and filters. Circuit simulation with SPICE

From:

ECE 3010. Signals and Systems. Lec. 3. Credit 3.
Prerequisites: ECE 2020 and MATH 2120
Time-domain and frequency-domain analysis of signals and systems, applications of Fourier series, Fourier transform, and Laplace transform in circuits and systems; Analog filters.

To:

ECE 3010. Signals and Systems. Lec. 3. Credit 3.

Prerequisites: ECE 2010 and MATH 2120. Time-domain and frequency-domain analysis of signals and systems, applications of Fourier series, Fourier transform, and Laplace transform in circuits and systems; Analog filters.

From:

ECE 3160. Digital Systems Laboratory.

Lab 3. Credit 1.

Prerequisites: ECE 2060 and ECE 2110. Hardware considerations and performance of combinational and sequential digital devices including gates, flip-flops, multiplexors, and decoders.

To:

ECE 3160. Digital Systems Laboratory.

Lab 3. Credit 1.

Prerequisites: ECE 2011 and ECE 2110. Hardware considerations and performance of combinational and sequential digital devices including gates, flip-flops, multiplexors, and decoders.

From:

ECE 3260. Control System Laboratory.

Lab. 3. Credit 1.

Prerequisites: ECE 2060 and ECE 3210. Simulation of dynamic systems. Demonstration of control system analysis and design techniques using hardware experiments. (ECE 3210 may be taken concurrently).

To:

ECE 3260. Control System Laboratory.

Lab. 3. Credit 1.

Prerequisites: ECE 3060 and ECE 3210. (ECE 3210 may be taken concurrently). Simulation of dynamic systems. Demonstration of control system analysis and design techniques using hardware experiments.

From:

ECE 3270. Programmable Logic Controller Laboratory.

Lab. 3. Credit 1.

Prerequisites: ECE 2020, ECE 2060 and ECE 2110. Introduction to Ladder Logic Programming, Relays, PLC in Automation & Control, Safety, Hardware Troubleshooting, Hands-on laboratory experiments and projects.

To:

ECE 3270. Programmable Logic Controller Laboratory.

Lab. 3. Credit 1.

Prerequisites: ECE 2020, ECE 3060 and ECE 2110. Introduction to Ladder Logic Programming, Relays, PLC in Automation & Control, Safety, Hardware Troubleshooting, Hands-on laboratory experiments and projects.

From:

ECE 3360. Electronics Laboratory.

Lab. 3. Credit 1.

Prerequisites: ECE 2060 and ECE 3300. Diodes, BJTs, FETs and amplifier circuits. ECE 3300 can be taken concurrently.

To:

ECE 3360. Electronics Laboratory.

Lab. 3. Credit 1.

Prerequisites: ECE 3060 and ECE 3300. Diodes, BJTs, FETs and amplifier circuits.

From:

ECE 3560. EM Simulation Laboratory.

Lab. 3. Credit 1.

Prerequisites: ECE 2060, ECE 3510. Simulation and design of phenomena and devices with EM fields and waves.

To:

ECE 3560. EM Simulation Laboratory.

Lab. 3. Credit 1.

Prerequisites: ECE 3060 and ECE 3510. Simulation and design of phenomena and devices with EM fields and waves.

From:

ECE 3660. Electric Power Laboratory.

Lab. 3, Credit 1.

Prerequisites: ECE 2060 and ECE3610. Operation of various power system components, design tests of transformers, speed control characteristics of various types of motors and generators, and computer simulation of power system operation.

To:

ECE 3660. Electric Power Laboratory.

Lab. 3. Credit 1.

Prerequisites: ECE 3060 and ECE3610. Operation of various power system components, design tests of transformers, speed control characteristics of various types of motors and generators, and computer simulation of power system operation

From:

ECE 3760. Telecommunications Laboratory.

Lab. 3. Credit. 1.

Prerequisites: ECE 2060 and ECE 3710. Telecommunication system measurements.

To:

ECE 3760. Telecommunications Laboratory.

Lab. 3. Credit 1.

Prerequisites: ECE 3060 and ECE 3710. Telecommunication system measurements.

From:

ECE 4020(5020). Digital Signal Processing.

Lec. 3. Credit 3.

Prerequisites: ECE 3020 and ECE 3120. Introduction to the theory and practice of discrete-time signals and systems. A/D and D/A conversion, filter design, DSP Architecture and implementation, programming, DSP applications.

To:

ECE 4020(5020). Digital Signal Processing.

Lec. 3. Credit 3.

Prerequisite: ECE 3020 and ECE 3120. (ECE 3120 may be taken concurrently). Introduction to the theory and practice of discrete-time signals and systems. A/D and D/A conversion, filter design, DSP Architecture and implementation, programming, DSP applications.

From:

ECE 4970. Senior Capstone Design II.

Lec. 1. Lab. 3. Credit 2.

Prerequisite: ECE 4960. The second in a sequence of two Senior capstone design project courses. Student teams will complete an industry client-driven system design project. Teamwork, leadership, project planning and management, specification, budgeting, design review, implementation, testing, weekly reporting, documentation, and oral presentation.

To:

ECE 4970. Capstone Design II.

Lec. 1. Lab. 3. Credit 2.

Prerequisite: ECE 4961. The second in a sequence of two Senior capstone design project courses. Student teams will complete an industry client-driven system design project. Teamwork, leadership, project planning and management, specification, budgeting, design review, implementation, testing, weekly reporting, documentation, and oral presentation.

Curriculum Changes:

A1. BSEE Curriculum

Delete the following courses (total 10 hrs.):
(number in parenthesis represents credit hours)
ECE 2000(2), 2060(1), and 4960(2)
One ECE lab elective (1 hr.)
ISE 3920(3)
ENGR 1020(1)

Add the following courses (total 10 hrs.):
(Number in parenthesis represents credit hours)
Math 2010(2), 2011(1)
ECE 2011(1), 3060(1), 4910(1), 4961(3)
CSC 2101(1)

A2. BSCmpE Curriculum

Delete the following courses (total 14 hrs.):
(Number in parenthesis represents the credit hours)
CSC 2120(3), 2121(1) and 3402(2)
ECE 2000(2), 2060(1), 4960(2)
ISE 3920(3)

Add the following courses (total 14 hrs.):
(Number in parenthesis represents the credit hours)
Math 2010(2) and 2011(1)
CSC 2101(1), 3030(1), and 4200(3)
ECE 2011(1), 3060(1), 4910(1), and 4961(3)

Motion. Dr. Rajan moved to approve the changes effective Fall 2011. The motion was seconded by Dr. Huo and carried.

15. Approval of Course Change from the Department of Manufacturing and Industrial Technology

In a memorandum dated February 03, 2011, approval was requested for the following:

From:

MIT 3560. Advanced Welding. Lec. 1. Lab. 4. Credit 3.
Prerequisite: MIT 3460 or consent of instructor. An in-depth experience in welding and inspection procedures.

To:

MIT 3560. Advanced Welding.

Lec. 2. Lab. 2. Credit 3.

Prerequisite: **MIT 2063** or consent of instructor. An in-depth experience in welding and inspection procedures.

From:

MIT 3710. Methods Design and Work Measurement.

Lec. 2. Credit 2.

Prerequisite: Junior Standing, MIT 1110. Introduction to concepts and the practice of methods improvement and work measurement.

To:

MIT 3710. Methods Design and Work Measurement.

Lec. 2. Credit 2.

Prerequisite: Junior Standing, MIT 1110. Introduction to concepts and the practice of methods improvement and work measurement **for lean manufacturing.**

From:

MIT 3730. Quality Assurance.

Lec. 2. Credit 2.

Prerequisite: Junior Standing, MIT 1110. Methods for controlling the quality of materials and products in production systems.

To:

MIT 3730. Quality Assurance.

Lec. 2. Credit 2.

Prerequisite: Junior Standing, MIT 1110. **Using 6-Sigma** methods for controlling the quality of materials and products in production systems.

Motion. Dr. Elsayy moved to approve the changes effective Fall 2011. The motion was seconded by Dr. Oyanader and carried.

16. Approval of Course Additions, Changes and Curriculum Change from the Department of Exercise Science , Physical Education and Wellness

In a memorandum dated January 25, 2011, approval was requested for the following:

Course Additions:

EXPW 3132. School Health Pedagogy and Practicum.

Lec. 2, Lab 1, Credit 3.

Prerequisite: EXPW 2130, Licensure major. Curriculum design, instructional methodology and supervised practicum in health education.

EXPW 4711 Analysis & Development of Sport Skills.

Credit 4.

Prerequisite: Licensure major acceptance into Upper Division Teacher Education. Instructional methods in developing and analyzing skills necessary to successfully teach sports at the secondary level.

EXPW 4721. Methods of Elementary Movement.

Credit 4.

Prerequisite: Licensure major and acceptance into Upper Division Teacher Education. Instructional methods in motor skills and movement concepts, including rhythms and gymnastics.

EXPW 4871. Residency One.

Credit 5.

Pre-requisite: Licensure major, acceptance into Upper Division Teacher Education and completion of EXPW 4711 and 4721 with a grade of B or higher. Co-requisite: EXPW 4872.

Supervised experience in authentic teaching of elementary and secondary physical education classes (Fall only).

EXPW 4872. Professional Seminar I. Credit 5.
Corequisite: EXPW 4871. Problem-based learning experiences related to assessment, evaluation and curriculum design for elementary and secondary physical education (Fall only).

EXPW 4881. Residency Two. Credit 10.
Prerequisite: Licensure major, acceptance into Upper Division Teacher Education and completion of EXPW 4871 and 4872 with a grade of B or higher. Co-requisite: EXPW 4882. Supervised experience in full-time teaching of elementary and secondary physical education (Spring only).

EXPW 4882. Professional Seminar II. Credit 2.
Corequisite: EXPW 4881. Seminar on issues related to the interrelationships among school, culture and society; a historical, philosophical and sociological analysis (Spring only).

Course Deletions:

EXPW 2140. Team Sports
EXPW 2141. Individual and Dual Sports.
EXPW 2142. Teaching Team and Individual Sports.
EXPW 3010. Dance, Gymnastics and Movement Concepts.
EXPW 3130. School Health Pedagogy and Practicum.
EXPW 4710. Secondary School Curriculum, Pedagogy and Practicum.
EXPW 4720. Elementary School Curriculum, Pedagogy and Practicum.
EXPW 4870. Elementary School Student Teaching.
EXPW 4880. Secondary School Student Teaching.
EXPW 4890. Seminar. Education and Society.

Curriculum Change:

Add:

EXPW 3132. School Health Pedagogy and Practicum.	Lec. 2. Lab 1. Credit 3.
EXPW 4032. Training for Performance.	Lec 3. Credit 3.
EXPW 4711. Analysis and Development of Sport Skills.	Credit 4.
EXPW 4721. Methods of Elementary Movement.	Credit 4.
EXPW 4871. Residency One.	Credit 5.
EXPW 4872. Professional Seminar I.	Credit 5.
EXPW 4881. Residency Two.	Credit 10.
EXPW 4882. Professional Seminar II.	Credit 2.

Delete:

EXPW 2140. Team Sports.	Lec. 2. Lab 2. Credit 2.
EXPW 2141. Individual and Dual Sports.	Lec. 2. Lab. 2. Credit 2.
EXPW 2142. Teaching Team and Individual Sports.	Lec. 2. Credit 2.
EXPW 3010. Dance, Gymnastics and Movement Concepts.	Lec. 1. Lab. 1. Credit 2.
EXPW 3132. School Health Pedagogy and Practicum.	Lec. 1. Lab. 4. Credit 2.
EXPW 4710. Secondary School Curriculum, Pedagogy and Practicum.	Lec. 2. Lab. 2. Credit 4.
EXPW 4720. Elementary School Curriculum, Pedagogy and Practicum.	Lec. 3. Lab. 2. Credit 4.

EXPW 4870. Elementary School Student Teaching.	Credit 5.
EXPW 4880. Secondary School Student Teaching.	Credit 5.
EXPW 4890. Seminar, Education and Society.	Credit 2.
FOED 1820. Introductory Field Experience.	Lab. 3. Credit 1.
FOED 1822. Introductory Field Experience and Orientation.	Lab. 3. Credit 1.
PHED 1020. Swimming.	Credit 1.
PHED Activity Class	

Change:

Change ART or MUS 1030 (3) and Humanities/Fine Arts Elective (3) to Humanities / Fine Arts Elective (6).

Motion. Ms. Mannle moved to approve the changes effective Fall 2011. The motion was seconded by Mr. LaBar and carried.

17. Approval of Curriculum Change from the Department of Foreign Languages

In a memorandum dated February 8, 2011, approval was requested for the following:

- I. **Delete** references to GERM 3510 from the second paragraph of:
 - Foreign Languages-French Option 1;
 - Foreign Languages - German Option 1;
 - Foreign Languages Spanish Option 1

“The following courses, which require no foreign language background, may not be used as credit substitutes for required Upper Division Foreign Language courses: French 3510; German ~~3510~~, 3520, 4510; Spanish 3510, 3550. They may, however, serve as open electives in any curriculum or as credit substitutes for certain lower division Foreign Language courses.”
- II. **Replace** all references to GERM 2510 with GERM 2520 as follows:
 - A. Foreign Languages-French Option 1, footnote #2 for Humanities/Fine Art Elective
“Art 1030, GERM ~~2510-2520~~, MUS 1030, SPAN 2510, SPAN 2550, THEA 1030 or PHIL 1030”
 - B. Foreign Languages-French Option 2, footnote #2 for Humanities/Fine Art Elective

“For the humanities requirement in this option, students must take one English literature course and may use HIST 1010-1020 for the **remaining** 6 hours of humanities credit, or they may take two English literature courses and one from the following: Art 1030, GERM ~~2510-2520~~, MUS 1030, SPAN 2510, SPAN 2550, THEA 1030 or PHIL 1030.”
 - C. Foreign Languages-Spanish Option 1, footnote #2 for Humanities/Fine Art Elective

“Art 1030, GERM ~~2510-2520~~, MUS 1030, FREN 2510, THEA 1030 or PHIL 1030”

- D. Foreign Languages-Spanish Option 2, footnote #2 for Humanities/Fine Art Elective

“For the humanities requirement in this option, students must take one English literature course and may use HIST 1010-1020 for the **remaining** 6 hours of humanities credit, or they may take two English literature courses and one from the following: Art 1030, GERM ~~2510-2520~~, MUS 1030, FREN 2510, THEA 1030 or PHIL 1030.”

Motion. Dr. Laurila moved to approve the changes effective immediately. The motion was seconded by Dr. Kemp and carried.

18. Appointment of Nominating Committee for 2011-12 Chairperson

Dr. Raymondo requested the appointment of Ms. Mannle, Dr. Loutzenheiser and Dr. Jordan-Wagner to serve as the nominating committee for the 2011-12 chairperson.

Motion. Dr. Kemp moved to approve the nominating committee. The motion was seconded by Ms. Galloway and carried.

The meeting adjourned at 4:05.