

**Institute Undergraduate Curriculum Committee
Appeals and Academic Matters (Full Committee)
Tuesday, March 13, 2012**

Present: Seitzman (AE), Pikowsky (REG), Loss (MATH), Goodisman (BIOL), Walker (PSYC), Paredis (ME), Riley (ECE), Yaszek (LCC), Economou (ARCH), Smith (ME)

Visitors: Laros (REG), Howson (REG), Ferri (ME), Simon, (REG), Steinbart (MATH), Pikowsky (PUBP), Dhooge (CoM), Teizer (CEE), Parsons (CoM), **Thomas Abelew (APPH)**

Note: All action items in these minutes require approval by the Academic Senate. In some instances, items may require further approval by the Board of Regents or the University System of Georgia. If the Regents' approval is required, the change is not official until notification is received from the Board to that effect. Academic units should take no action on these items until USG and/or BOR approval is secured. In addition, units should take no action on any of the items below until these minutes have been approved by the Academic Senate or the Executive Board.

Academic Matters

1. A motion was made to **approve** a request from the School of Mathematics for clarification of math course credit in the catalog description. The motion was seconded and approved.

Courses referenced: (approved)

Math 1502/1512/1522/15X2 – additions to current course descriptions are shown in red

Justification for catalog update:

- Students enrolling at GT may not be aware of the linear algebra component in MATH 1502/1512 Calculus II/Honors Calculus II. The revised catalog entries aim to better inform the student of the GT courses in relation to other calculus courses.
- Because of the duplication of content in MATH 1522 and MATH 1502/1512, students taking MATH 1502/1512 who already have credit for MATH 1522 should not be allowed to count 4 hours of credit from MATH 1502/1512 and 2 hours credit from MATH 1522.

The School of Mathematics recommends the following catalog entries:

[MATH 1502 - Calculus II](#) This course concludes the treatment of single variable calculus and begins linear algebra, the linear basis of the multivariable theory. **Credit not allowed for both MATH 1502 and MATH 1522. Credit not allowed for both MATH 1502 and MATH 15X2.**

4.000 Credit hours

4.000 Lecture hours

Grade Basis: ALP

Sch/Mathematics Department

MATH 1512 - Honors Calculus II The topics covered parallel those of 1502 with a somewhat more intensive and rigorous treatment. Credit not allowed for both honors calculus and the corresponding regular calculus course. **Credit not allowed for both MATH 1512 and MATH 1522. Credit not allowed for both MATH 1512 and MATH 15X2.**

4.000 Credit hours

4.000 Lecture hours

Grade Basis: ALP

Sch/Mathematics Department

MATH 15X2 - Transfer Calculus II This course includes the treatment of single variable calculus in MATH 1502. This course is not equivalent to MATH 1502. Credit not allowed for both MATH 15X2 and MATH 1502. Credit not allowed for both MATH 15X2 and MATH 1512.

3.000 OR 4.000 Credit hours

Grade Basis: T

Dept/Registrar Department

MATH 1522 - Linear Algebra for Calc Basic topics in linear algebra, such as covered in MATH 1502, and needed for MATH 2401. May not be taken for credit by students who have taken MATH 1502 or MATH 1512.

2.000 Credit hours

2.000 Lecture hours

Grade Basis: ALP

Sch/Mathematics Department

2. A motion was made to **approve** a request from the College of Management for new courses and a new certificate. The motion was seconded and approved.

NEW COURSES: (approved)

MGT 3607: Business Ethics 3-0-3
(Requested ethics attribute)

MGT 3608: Technology Law and Ethics 3-0-3
(Requested ethics attribute)

NOTE: There was quite a lot of discussion about the title of this course and whether the title and the description were consistent. It was suggested that a title change to Information Systems Law and Ethic might be a much clearer indicator of the actual content. The College will work with the Registrar to determine the final title and make any necessary adjustments to the description.)

MGT 3609: Legal Aspects of Real Estate 3-0-3
(Requested social science attribute)

The above courses are not repeatable for credit.

The General Education Subcommittee of the IUCC will review the request for Core attributes and make recommendations at the next meeting.

NEW CERTIFICATE: (approved)

Business Law and Ethics

This Certificate will be available for and awarded only to College of Management majors. This certificate serves a very distinct function from the existing pre-law certificate program. The proposers in the College of Management wanted to be clear that this new certificate is not intended to duplicate the Ivan Allen College certificate, or to compete with it. This would also apply to the existing minor in Law, Science and Technology in the Ivan Allen College. It is possible that this College of Management Certificate in Business Law and Ethics will evolve into a concentration within the Bachelor of Business administration degree program.

Curriculum:

Required Course

MGT 3607 - Business Ethics

Electives (Students must complete 3 electives for the certificate)

MGT 3606 - International Business Law

MGT 3608 - Technology Law & Ethics

MGT 3609 - Legal Aspects of Real Estate

MGT 4010 - Business Taxation

Courses Currently Offered without Permanent Designation:

MGT 4803 - Principles of Commercial Law

MGT 4803 - Law for Entrepreneurs

Courses to be Offered Beginning AY 2012-13:

MGT 4803 - Business and Government Regulation

MGT 4803 - Corporate Governance

MGT 4803 - Employment, Benefits and Compensation Law

MGT 4803 - Legal Aspects of Managing Intellectual Property

Any elective course taught by the College of Management's business law and ethics faculty will count toward the Business Law and Ethics Certificate.

All courses require a letter grade of C or better for certificate eligibility.

3. A motion was made to **approve** a request from the School of Civil and Environmental Engineering for a new course. The motion was seconded and approved.

NEW COURSE: (approved)

CEE 4140: Building Information Modeling (BIM) in Construction 2-3-3

Note: There was a discussion about changing capitalizations in the Catalog description. It was unclear whether the capitalizations were necessary, or just had not been edited for the Catalog description format. It was also noted that the Junior or Senior standing prerequisites would have to be enforced at the section level. The Registrar's Office will work with the proposer to make those corrections.)

4. A motion was made to **approve** a request from the School of Aerospace Engineering for a course deactivation. The motion was seconded and approved.

COURSE DEACTIVATION: (approved)

AE 3122

This course has not been taught in over 10 years. It has been replaced by AE 3125, a four-hour course, which contains all the material in AE 3122 plus additional material related to aerospace structural design topics.

5. A motion was made to **approve** a request from the School of Applied Physiology for a pre-requisite modification and to modify a course. The motion was seconded and approved.

PRE-REQUISITE AND COURSE DESCRIPTION MODIFICATION: (approved)

These changes will begin in Fall 2012.

APPH 4200: Kinesiology

Current Prerequisites:

APPH 3751/BIOL 3751

Proposed Prerequisites:

BIOL 1510 and MATH 1113

Note: There was discussion about AP clarifying the prerequisites so that higher level course would also apply. Adding higher level Math classes and the honors Biology course to the list would cover all of the possible ways in which the prerequisites could be met. Listing "equivalents" doesn't work because it cannot be programmed into Banner.

Current Description:

Analysis of human movement from the broad perspectives of kinesiology, neural control and human anatomy, to include the study of locomotion in both healthy and clinical populations; tasks and various movements of the upper extremities.

Proposed Description:

Analysis of human movement from a kinesiological, neural and anatomical perspective including the study of locomotion and the mechanisms of selected musculoskeletal injuries, chronic and acute.

6. A motion was made to **approve** a request from the School of Literature Communication and Culture for a minor modification. The motion was seconded and approved.

MINOR MODIFICATION: (approved)

Performance Studies

Current Program of Study	Proposed Program of Study
The Performance Studies minor must comprise at least 18 semester hours, of which at least 12 semester hours are upper-division coursework (numbered 3000 or above). Required courses include:	The Performance Studies minor must comprise at least 15 semester hours, of which at least 12 semester hours are upper-division coursework (numbered 3000 or above). Required courses include:
Theatre, Film, Media Studies, Performance Practicum (9 hours)	Theatre, Film, Media Studies, Performance Practicum (6 hours)
Select three: LCC 2400 or 2500, 3216, 3218, 3220, 3226, 3228, 3252, 3254, 3256, 3352, 3406, 3853, 4400, 4500, 4602	Select two: LCC 2400 or 2500, 3216, 3218, 3220, 3226, 3228, 3252, 3254, 3256, 3352, 3406, 3853, 4400, 4500, 4602

Current course requesting to add Humanities attribute:

LCC 4602: Performance Practicum – tabled and request forwarded to the General Education Subcommittee

7. A motion was made to **approve** a request from the School of Mechanical Engineering for a degree modification. The motion was seconded and approved.

DEGREE MODIFICATION: (approved)

Bachelor of Science in Mechanical Engineering

(This change also relates to Cooperative Plan and International Plan)

The requested change is designed to offer students a breadth or a depth option. To accomplish this, the following specific changes are requested:

- Convert the Science Elective (3 hours) to a Free Elective (3 hours)
- Change the existing requirement of two ME Electives (6 hours) to one ME Elective (3 hours) and one Free Elective (3 hours)
- Add one more Free Elective (3 hours), bring the total number of Free Electives to 5 (15 hours).
- Increase the total number of credit hours for the BSME¹ degree from 126 to 129.

Both degree options (Cooperative Plan and International Plan) will continue to have the same degree requirements as the basic degree.

The major difference between the existing BSME degree and the new BSME degree is that the new degree is considerably more flexible than its predecessor. The number of Free Electives increases from 2 to 5 (6 hours to 15 hours) and the number of required ME electives reduces from 2 to 1 (6 hours to 3 hours). To accomplish the goal of having 15 hours of Free

¹ The BOR approved a waiver to degree length for the BSME to be 130 hours effective September 9, 1997.

Electives, the total number of hours for the BSME degree will increase from 126 to 129, which is still lower than roughly half of the other degree programs in the Georgia Tech College of Engineering.

8. Lacking updated information, the Committee delayed discussion of the academic program reviews. The Chair will determine where we stand and update the Committee either via email or at the next meeting.

Student Petitions

1. A motion was made to approve a request for a posthumous degree for a Spring 2012 degree candidate who was on track for graduation. The motion was seconded and approved.

The Committee was reminded that a group is being formed to discuss the larger issue of what parameters should be taken into account regarding posthumous degrees. In the meantime, barring new procedures, the Committee will follow the existing practices.

Adjourned,

Reta Pikowsky
Registrar