Minutes of the Undergraduate Curriculum Committee
November 8, 2000

Members Present: Cain (MATH), DiSabatino (ODOS), Dowling (ARCH), Tew (CS - for Eiselt), Hinson (SGA Rep), Hughes (ECE), Kingsley (PubP), McIver (REG), Moran (CHEM), Sankar (AE), Schneider (DCOM), Shelton (ME), Wills (ECE)

Visitors: Catrambone (PSYC), Cunnold (EAS), Dorrity (TFE), McCarty (ECON), McLeod (ECON), Schork (ChE)

1. The School of Materials Science & Engineering requested the following changes to the curriculum for BS in Materials Science and Engineering. A motion was made to approve the changes. Motion was seconded and approved. Unanimous.

   Replace the AE/ME 2751 (Introduction to Mechanics) with AE 2120 Introduction to Mechanics or ME 2211 (Statics/Deformable Bodies).

   Allow students who enter the MSE program after their third semester in residence at Tech to substitute a one hour technical course in lieu of MSE 1001, Introduction to Engineering.

2. The School of Earth & Atmospheric Sciences requested the approval of a Business Option for the BS in Earth and Atmospheric Sciences. A Motion was made to approve the request. The motion was seconded and approved. Unanimous.

   Courses required for the Business Option:
   MGT 3000 Accounting for Decision Making
   MGT 3300 Marketing Management I
   ECON 2106 Principles of Microeconomics (social science elective)
   PSYC 2220 Industrial/Organizational Psychology (social science elective)
   MGT 3150 Principles of Management or Management capstone course

   6 hours of these management courses apply toward the Technical Electives.

3. The School of Mathematics requested the approval of Business Options for the BS in Mathematics and BS in Discrete Mathematics degrees. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

   Courses required for the Business Option:
   ECON 2106 Principles of Microeconomics (social science elective)
MGT 3000 Accounting for Decision Making
MGT 3300 Marketing Management I
MGT 3150 Principles of Management
PSYC 2220 Industrial/Organizational Psychology

6 hours of these management courses apply toward the Technical Electives.

4. The College of Architecture requested the approval of the following courses. A motion was made to approve the courses. The motion was seconded and approved. Unanimous.

   ID 3103 Industrial Design Computing I (1-6-3)
   ID 3104 Industrial Design Computing II (1-6-3)

   These courses replace ID 3101 and ID 3102, respectively.

5. The School of Chemistry & Biochemistry requested the approval of the following course. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

   CHEM 1315 Survey of Organic Chemistry (3-0-3)

6. The School of Psychology requested a revision in the requirements for the BS in Psychology degree. The total number of hours for the degree remains the same. A motion was made to approve curriculum and course changes, as detailed below. The motion was seconded and approved. Unanimous.

   Changes in curriculum requirements:
   Delete PSYC 2220, 2240, 3010, 3015, 3030, 3035, 3040, 3045, 4010, 4015, 4030, 4035, and 4050. (29 credit hours)
   Add PSYC 3011, 3031, and either 4031 or 4501. (12 credit hours)
   Add 6 hours of social sciences electives
   Add 11 hours of free electives
   Change PSYC Electives (12 hours) from 3xxx to approved list.

   New Courses
   PSYC 3011 Cognitive Psychology (3-3-4)
   PSYC 3031 Experimental Analysis of Behavior (3-3-4)
   PSYC 4031 Applied Experimental Psychology (3-3-4)
   PSYC 4200 Advanced Topics in Cognitive Psychology (3-0-3)
   PSYC 4260 Psychology of Aging (3-0-3)
   PSYC 4270 Psychological Testing (3-0-3)
The following courses should be made inactive

PSYC 2260 Psychology of Aging
PSYC 3010 Cognitive Psychology
PSYC 3015 Cognitive Psychology Laboratory
PSYC 3030 Experimental Analysis of Behavior
PSYC 3035 Experimental Analysis of Behavior Laboratory
PSYC 3045 Sensation and Perception Laboratory
PSYC 3050 Introduction to Psychological Testing
PSYC 4015 Human Abilities Laboratory
PSYC 4030 Applied Experimental Psychology
PSYC 4035 Applied Experimental Laboratory
PSYC 4060 Principles of Memory and Attention
PSYC 4070 Psychology of Language
PSYC 4080 Thinking
PSYC 4500 Senior Thesis/Practicum
PSYC 4761 Models of Human Information Processing

The following courses should be used as blanket substitutions.

PSYC 2260 for PSYC 4260
PSYC 3010 & PSYC 3015 for PSYC 3011
PSYC 3030 & PSYC 3035 for PSYC 3031
PSYC 3050 for PSYC 4270
PSYC 4030 & PSYC 4035 for PSYC 4031
PSYC 4500 for PSYC 4501

PSYC 2020, Psychological Statistics, may no longer be used to satisfy the social sciences requirement:

7. The SCHOOL OF PSYCHOLOGY requested the approval of a Business Option for the BS in Psychology degree. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

Courses required for Business Option
ECON 2106 Principles of Microeconomics
MGT 3000 Accounting for Decision Making
   MGT 3300 Marketing Management I
PSYC 2220 Industrial/Organizational Psychology
Electives (choose one)
MGT 3150 Principles of Management
   MGT 3310 Marketing Research
MGT 4191 The Entrepreneurship Forum
MGT 4331 Consumer Behavior

8. The **School of Chemical Engineering** requested the following changes to the curriculum of the BS in Chemical Engineering Degree. A motion was made to approve the curriculum changes and new courses. The motion was seconded and approved. Unanimous.

   Curriculum changes:
   Delete the 6 hours of free electives
   Delete CHEM 3411
   Delete ECE 3710 and ECE 3741
   Delete CEE 2020
   Delete CHE 3220, 4500, 4510, and 4520
   Add CHE 3225, 4505 and 4515
   Add 6 hours of Chemical Engineering electives
   Add 12 hours of Technical Electives from a list of approved courses

New Courses
CHE 3225 Separations Processes (3-0-3)
CHE 4505 Process Design and Economics (3-0-3)
CHE 4515 Chemical Process Safety (1-0-1)

These courses replace CHE 3220, CHE 4500 and 4520, and CHE 4510, respectively.

9. The **School of Textile & Fiber Engineering** requested the following changes to the curriculum of the BS in Textile and Fiber Engineering degree. The total number of hours for the degree will change from 127 to 128 plus wellness. A motion was made to approve the request. The motion was seconded and approved. Unanimous.
Delete CHEM 1311 and CHEM 1312
Add AE/ME/CEE 1770
Add LCC 3401

10. The School of Textile & Fiber Engineering requested the following changes to the curriculum of the BS in Polymer and Textile Chemistry degree. The total number of hours for the degree will change from 124 to 129 plus wellness. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

Add CHEM 3412
Add LCC 3401

11. The School of Textile & Fiber Engineering requested the following changes to the curriculum of the BS in Textile Enterprise Management. The total number of hours for the degree will not change. A motion was made to approve the request. The motion was seconded and approved. (10-1-0)

Delete CHEM 1311 and CHEM 1312
Add LCC 3401
Add 8 hours free electives
Delete 6 hours of social sciences electives
Replace current Management Elective footnote with "MGT elective may be any MGT course not required above".

12. The School of Economics requested the following changes to the curriculum of the BS in Economics. The total number of hours for the degree will not change. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

Delete ECON 2100 and ECON 2110
Add ECON 2105 and ECON 2106

13. The School of Economics requested the approval of the following courses. A motion was made to approve the courses. The motion was seconded and approved. Unanimous.

New Courses
ECON 4345 Economic Regulation (3-0-3)
ECON 4360 Network Economics (3-0-3)
ECON 4412 Cost-Benefit Analysis (3-0-3)
Make ECON 2110 inactive.

Informational Item: Replace all ECON 2110 pre-requisites with ECON 2100

14. The School of Aerospace Engineering requested the following curriculum changes to the BS in
Aerospace Engineering. A motion was made to approve the change. The motion was seconded and approved. Unanimous.

Delete the 4-hour lab science elective
Add a 3-hour science elective
Change free elective hours from 9 to 10

15. The School of Electrical & Computer Engineering requested the following curriculum changes to the BS in Electrical Engineering. A motion was made to approve the changes. The motion was seconded and approved. Unanimous.

Add LCC 3401, Technical Communication Practices (2-0-2)
Add Science elective (x-x-3)
Delete Laboratory Science elective (3-3-4)
Reduce the number of ECE elective hours from 21 to 20.

16. The School of Electrical & Computer Engineering requested the following curriculum changes to the BS in Computer Engineering. A motion was made to approve the changes. The motion was seconded and approved. Unanimous.

Add LCC 3401, Technical Communication Practices (2-0-2)
Add Science elective (x-x-3)
Delete Laboratory Science elective (3-3-4)
Add Discrete Math elective (x-x-3)
Delete MATH 2602 or MATH 3012
Add Advanced Programming elective (x-x-4)
Delete CS 2330, Languages and Translation
Reduce the number of ECE/CS elective hours from 15/16 to 14

17. The School of Electrical & Computer Engineering requested the approval of the following new course. A motion was made to approve the course. The motion was seconded and approved. Unanimous.

ECE 4006 ECE Major Design Project (1-6-3)

Informational item: ECE 2031: Add LCC 3401 as prerequisite with concurrency

18. The School of Public Policy requested the approval of the following new courses. A motion was made to approve the courses. The motion was seconded and approved. Unanimous.

New Courses
PUPB 4113 Statistical Analysis for Public Policy (3-0-3)
PUPB 4201 Metropolitan Governance (3-0-3)
PUBP 3113 and PUBP 3200 are to be made inactive.

Informational Item: Add PST 1101 as prerequisite to PST 4112.

19. The Department of Military Science requested the approval of the following new course. A motion was made to approve the request. The motion was seconded and approved. Unanimous.

MS 4901 Special Problems (variable)

20. The College of Computing requested the approval of the following curriculum change for the BS in Computer Science degree. There is no change in the total degree hours.

Delete LCC 3400 (1-0-1)

Add LCC 3401 (2-0-2)

Reduce free elective hours from 21 to 20

The College of Computing requested the approval of the following new courses, replacing CS 1311 and CS 1312, respectively, in all affected degree programs.

CS 1321 Introduction to Computing (3-0-3)

CS 1322 Object-Oriented Programming (3-0-3)

By email ballot following the regular meeting, these requests were approved. (9-0-1)

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Adjourned,

M. Jo McIver

Registrar