

**The University of Texas at Arlington
Undergraduate Assembly
Minutes**

The Undergraduate Assembly met in regular session on Tuesday, April 24, 2007, at 2:15 p.m. in the UC Rio Grande. Senior Vice Provost Michael Moore presided.

Attendance.

Member	Present	Excused	Absent	Alternate
Dana Dunn				
Michael Moore				
Jane Ahrens				
Deborah Behan				
Beverly Boulware				
Bill Carroll				
Jinny Choi				
Tom Christie				Charla Markham-Shaw
Andrew Clark				
Phil Cohen				
Richard Cole				
James Epperson				Ed Morton
Richard Ferrier				
Dan Formanowicz				
Donald Gatzke				
Jeanne Gerlach				Carol Sue Marshall
James Grover				Jon Campbell
Robert Gunnip				
Andy Hansz				
D. L. Hawkins				Alex Weiss
Santos Hernandez				
Dan Himarios				
Karen Johannesson				John Wickham
David Kung				
Peter Lehmann				
Carl Lovely				
Dennis Marynick				Krishnan Rajeshwar
Gladys Maryol				
Robert McMahon				
Jackie Michael				
Sung Seek Moon				
James Munch				
David Navalinsky				
Jaimie Page				
Paul Paulus				
Lynn Peterson				
Karl Petruso				
Elizabeth Poster				
Anand Puppala				
Steve Quevedo				
Allen Repko				
Lana Rings				
Jamie Rogers				
Zac Sanders				
Gerald Saxon				
Marilee Schmelzer				
Chandra Subramaniam				Larry Walther
Mike Ward				

Collins Watson				
Tom Watts				
Joy Wiggins				
Judy Wilson				
Beth Wright				
Kai Yeung				

Approval of Minutes. The minutes of the regular meeting on March 6, 2007, were approved as published.

Report of the Academic Standards Committee. Nancy Handy presented the following proposed catalog change. The change was then approved by the Undergraduate Assembly.

Requirements for the RN to BSN Program

Registered nurses desiring admission to this program must:

- Complete listed prerequisites with a minimum prerequisite GPA of 2.5.
- Have a current license as a Registered Nurse in the State of Texas or from a participating state of the multi-state licensure compact.

Credit by RN Licensure

Transcripts of RN students are evaluated with consideration of the Coordinating Board Field of Study Curriculum guidelines. Credit is given for all courses listed in the Field of Study Curriculum as transferable, as well as any additional courses that may be applicable for transfer.

Lower-Division Courses

A grade of D or lower in a prerequisite course indicates unsatisfactory preparation for further nursing education. Any such course in which a D or lower is received must be repeated and a C or higher earned before enrolling in any nursing course.

Report of the Undergraduate Curriculum Committee. Kimberly van Noort presented the following recommendations approved by the Undergraduate Curriculum Committee.

AGENDA ITEMS APPROVED BY THE COMMITTEE ON UNDERGRADUATE CURRICULA SPRING, 2007

April 24, 2007

COLLEGE OF EDUCATION

Department of Kinesiology

Course Change

- KINE 1315 - Introduction to Pedagogical Kinesiology - title change
- KINE 2130 - Clinical Practicum I - increase laboratory hours
- KINE 3130 - Clinical Practicum II - increase laboratory hours
- KINE 3131 - Clinical Practicum III - increase laboratory hours
- KINE 3304 - Adapted Exercise & Sport Activities - title & course description change
- KINE 4130 - Clinical Practicum IV - increase laboratory hours
- KINE 4131 - Clinical Practicum V - increase laboratory hours
- KINE 4335 - ECG Interpretation - title & course description change

COLLEGE OF ENGINEERING

Department of Civil & Environmental Engineering

Course Change

CE 1105 - Introduction to Civil Engineering - course description change
CE 1350 - Computer Aided Drafting - title change
CE 3131 - Water Quality Analyses - title, course title, & prerequisite changes
CE 3302 - Transportation Engineering - course title, & prerequisite changes
CE 3305 - Basic Fluid Mechanics - prerequisite change
CE 4312 - Street & Highway Design - course description & prerequisite changes
CE 4313 - Traffic Engineering - prerequisite change
CE 4350 - Air Pollution - course description & prerequisite changes
CE 4383 - Senior Project - short title & prerequisite changes

Catalog Text Change

CE - Admission to Professional Program - removing verbiage to another section

Department of Computer Science & Engineering

Course Change

CSE 2320 - Algorithms & Data Structures - course description change
CSE 2340 - Introduction to Digital Logic - course description change
CSE 3310 - Fundamentals of Software Engineering -prerequisite change
CSE 3322 - Computer Architecture - prerequisite change
CSE 3330 - Database Systems & file Structures - prerequisite change
CSE 4316 - Computer System Design Project I - curriculum change for program's accreditations
CSE 4317 - Computer System Design Project II - curriculum change for program's accreditations
CSE 4321 - Software Testing & Maintenance - description change per accreditation review

Delete Course

CSE 2441 - Digital Logic Circuits - content moved to another course
CSE 4326 - Software System Design Project I - curriculum change
CSE 4327 - Software System Design Project II - curriculum change

Department of Electrical Engineering

Course Change

EE 4320 - VLSI Design & Technology - course description change
EE 4329 - Physical Electronics - course description change
EE 4339 - Radio-Frequency Design - course change

Delete Course

EE 1347 - Computer Solution of Electrical Engineering Problems
EE 3340 - Engineering Project Management
EE 4341 - Power Systems Design Project
EE 4342 - Microprocessor System Design Project
EE 4343 - Control System Design Project
EE 4344 - Optical System Design Project
EE 4345 - Semiconductor Electronics Design Project
EE 4346 - Electronic System Design Project
EE 4347 - Communication Systems Design Project
EE 4348 - Power Electronics Design Project

Department of Mechanical & Aerospace Engineering

Course Change

DG 1350 - Graphics For Engineers - prerequisite & course description changes
MAE 1104 - Introduction to Engineering - prerequisite change
MAE 1105 - Introduction to Mechanical & Aerospace Engineering - course description + contact hour change
MAE 1312 - Engineering Statics - prerequisite change
MAE 2201 - Introduction to Aeronautics & Astronautics - prerequisite, course number and course description change
MAE 2312 - Solid Mechanics - prerequisite format change
MAE 2314 - Fluid Mechanics I - prerequisite change
MAE 2321 - Materials Science - prerequisite format change
MAE 2323 - Dynamics - prerequisite format change
MAE 2360 - Numerical Analysis & Programming - prerequisite format & course description changes
MAE 3121 - Materials Science Lab - prerequisite format and semester-offered changes
MAE 3181 - Materials & Structures Lab - prerequisite change
MAE 3182 - Aerodynamics & Fluids Lab - prerequisite change
MAE 3183 - Measurements Laboratory II - prerequisite change
MAE 3242 - Mechanical Design I - semester-offered and prerequisite course number change

MAE 3302 - Aerodynamics of Incompressible Flows - prerequisite course number change
MAE 3303 - Aerodynamics of Compressible Flows - prerequisite change
MAE 3304 - Astronautics I - prerequisite change
MAE 3305 - Flight Dynamics - prerequisite, course number & course description changes
MAE 3309 - Thermal Engineering - prerequisite format change
MAE 3310 - Thermodynamics I - prerequisite format change
MAE 3311 - Thermodynamics II - prerequisite change
MAE 3316 - Aerospace Structural Dynamics - prerequisite change
MAE 3318 - Kinematics & Dynamics of Machines - semester-offered change
MAE 3319 - Dynamics Systems Modeling & Simulation - prerequisite change
MAE 3321 - Mechanical Behavior of Materials - semester-offered change
MAE 3344 - Introduction to Manufacturing Engineering - semester-offered change
MAE 3360 - Engineering Analysis - course content, semester-offered, and prerequisite change
MAE 4188 - Design Project Laboratory II - semester-offered change
MAE 4307 - Finite Element Methods - prerequisite change
MAE 4310 - Introduction to Automatic Control - semester-offered and prerequisite change
MAE 4314 - Mechanical Vibrations - prerequisite change
MAE 4315 - Introduction to Composites - prerequisite change
MAE 4320 - Hydraulic & Pneumatic Systems - prerequisite change
MAE 4321 - Air-Breathing Engine Propulsion - prerequisite format change
MAE 4322 - Rocket Propulsion - prerequisite format change
MAE 4331 - Design for Manufacturing - prerequisite format change
MAE 4342 - Mechanical Design II - course description & semester-offered change
MAE 4344 - Computer-Aided Engineering - semester-offered & prerequisite change
MAE 4345 - Introduction to Robotics - prerequisite change
MAE 4347 - Heat Exchanger Design - prerequisite format change
MAE 4348 - Cooling of Electronic Packages - prerequisite format change
MAE 4350 - Aerospace Vehicle Design I - prerequisite & course contact hours change
MAE 4351 - Aerospace Vehicle Design II - prerequisite & course contact hours change
MAE 4352 - Space Vehicle & Mission Design - prerequisite format change

Catalog Text Change

MAE - Sequencing of courses for BS in Aerospace Engineering (2 pages) - curriculum changes per ABET requirements

Department of Materials Science & Engineering

Course Change

MSE 4320 - Nanoscale Materials -addition of prerequisite
MSE 4337 - Fatigue of Engineering Materials - course description change

COLLEGE OF LIBERAL ARTS

Department of Art & Art History

Course Change

ART 3322 - Curriculum Planning and Development - title & course description changes
ART 3383 - Intermediate Clay - title & course description changes

Department of English

Course Change

ENGL 3376 - Business & Professional Writing - prerequisite change
ENGL 4330 - Advanced Literary Writing - prerequisite change
ENGL 4374 - Writing, Rhetoric, & Multimedia Authoring II - prerequisite change

Department of Music

Course Change

MUSI 3300 - Music History I - prerequisite change
MUSI 3301 - Music History I - prerequisite change

Delete Course

MUSI 0040

Catalog Text Change

BA in Music - mandatory course deleted

Department of Sociology & Anthropology

Course Change

ANTH 1306 - Introduction to Anthropology - designed for non-majors

COLLEGE OF SCIENCE

Department of Biology

Course Change

BIOL 2343 - Evolution, Ecology & Biodiversity - title & description change
BIOL 3101 - Current Topics in Biology - prerequisite change
BIOL 3142 - Laboratory in Behavioral Neuroscience - prerequisite change
BIOL 3316 - Astrobiology - prerequisite change
BIOL 3318 - Limnology - prerequisite & typo change
BIOL 3322 - Introduction to Behavioral Neuroscience - prerequisite change
BIOL 3326 - Animal Behavior - prerequisite change
BIOL 3341 - Entomology - prerequisite change
BIOL 3442 - Principles of Animal Physiology - prerequisite change
BIOL 4302 - Microbial Genetics - prerequisite change
BIOL 4313 - Molecular Genetics - prerequisite change

Department of Mathematics

Course Change

MATH 1316 - Mathematics for Economics & Business Analysis - increase minimum required grade
MATH 1426 - Calculus I - prerequisite statement corrected
MATH 2425 - Calculus II -course description changed
MATH 3335 - Analysis I -course description changed
MATH 3345 - Numerical Analysis & Computer Applications - prerequisite statement corrected
MATH 4313 - Applications of Mathematical Statistics - prerequisite statement corrected
MATH 4322 - Introduction to Complex Variables - prerequisite statement corrected
MATH 4324 - Introduction to Partial Differential Equations - prerequisite statement corrected
MATH 4334 - Advanced Multivariable Calculus - prerequisite statement corrected
MATH 4335 - Analysis II - prerequisite statement corrected
MATH 4345 - Numerical Analysis & Computer Applications II - prerequisite statement corrected

Department of Psychology

Course Change

PSYC 3313 - Psychology of Women - course description change

Dr. Van Noort then presented the following items approved by the committee for consideration by the Undergraduate Assembly. They were then approved by the Undergraduate Assembly.

AGENDA ITEMS APPROVED BY THE COMMITTEE ON UNDERGRADUATE CURRICULA FOR CONSIDERATION BY THE UNDERGRADUATE ASSEMBLY SPRING, 2007

April 24, 2007

COLLEGE OF EDUCATION

Department of Kinesiology

Add Course

KINE 4132 - Clinical Practicum VI
EXSA 0168 - Intermediate Yoga
EXSA 1116 - Pace: Exercise at Your Own Pace
EXSA 1118 - Boot Camp Aerobics
EXSA 1119 - Co-Ed Self Defense
EXSA 1247 - Exercise & Weight Management

Catalog Text Change

Athletic Training Education Program - changes due to CAATE Accreditation Standards

COLLEGE OF ENGINEERING

Department of Civil & Environmental Engineering

Catalog Text Change

CE - Professional Program Courses - removing and adding electives

BS in Civil Engineering - Pre-Professional Courses - CE 3305 course changed from professional to pre-professional course

Requirements for admission as a Civil Engineering major - add requirements for admission to Professional Program

Department of Computer Science & Engineering

Add Course

CSE 2140 - Digital Logic Lab

CSE 2321 - Data Structures for Non-Engineers

Catalog Text Change

Requirement for minor in Computer Application - new minor

Requirements for BS Degree in Computer Science & Engineering - pre-professional courses - changing courses

Requirements for BS Degree in Computer Science - pre-professional courses - changing courses

Requirements for BS Degree in Software Engineering - pre-professional courses - changing courses

Department of Electrical Engineering

Add Course

EE 2347 - Computer Methods for Electrical Engineering

EE 4340 - Concepts & Exercises in Engineering Practice

EE 4349 - Engineering Design Project

Catalog Text Change

BS Degree In EE - new senior design sequence; courses replaced or changed out

Department of Materials Science Engineering

Catalog Text Change

MAE - Requirement for BS in Aerospace Engineering (3 pages) - curriculum changes per ABET requirements

Minor in Materials Science & Engineering - adding Text to College section

Department of Industrial & Manufacturing Systems Engineering - adding a new course

ME - BS/MS - Fast-Track Program

Physics/MSE – BS/MS – Fast-Track Program

Both of these programs have been approved by the Graduate Assembly. They are five year coordinated programs between an undergraduate and a graduate degree.

COLLEGE OF LIBERAL ARTS

Department of Communication

Catalog Text Change

Degree Requirements - Reduce hours from 128 to 120

Core Courses - proposed core of 3 courses completed by all majors; SPCH prefixes changed to COMS; Speech Communication renamed Communication Studies

Department of English

Add Course

ENGL 4377 -Topics in Science & Technology

Catalog Text Change

BA in English - Reduce hours from 128 to 120

Department of Modern Languages

Catalog Text Change

Degree Requirements - Reduce hours from 128 to 120

Department of Music

Add Course

MUSI 2222

Catalog Text Change

BA in Music - new policy students must receive a C or better in all music courses

BA in Music - requirement for remediation

BA of Music - change music education sequence to teach more effectively, increase standards & add teacher certification courses into the degree

Department of Political Science

Catalog Text Change

Minor in Political Science - restricting use of POLS courses for both major and minor

BA in Political Science - graduation hours from 127 to 120

BA in Political Science - clarify existing requirements

Department of Sociology & Anthropology

Catalog Text Change

BA in Sociology & Anthropology - reduce hours to 120

COLLEGE OF SCIENCE

Department of Biology

Add Course

BIOL 3319 - Human Genetics

BIOL 3325 - Plant Ecology

BIOL 3330 - Developmental Biology

BIOL 4326 - Wetland Ecology

BIOL 4330 - Evolution of Development

Delete Degree Option

BS Option in Allied Health - no longer needed since BA in Biology was approved

Department of Chemistry

Add Course

CHEM 1465 - Chemistry for Engineers

Department of Earth & Environmental Sciences

Catalog Text Change

BA in Geology - decrease hours to 120

BS in Geology - add required math course & delete GEOL 4391

Department of Psychology

Add Course

PSYC 3143 - Health Psychology Laboratory

PSYC 3307 - Understanding Psychology through Film

PSYC 4335 - Cognitive Development

Catalog Text Change

BA/BS in Psychology - deletion of required minor, redistribution of requirements; increase in PSYC's hours for major;

alignment of approved language substitutions

College of Science

Catalog Text Change

Transfer Students - residency requirements for minor (9 hours at UT Arlington)

SCHOOL OF SOCIAL WORK:

School of Social Work

Catalog Text Change

BA in Social Work - decrease hours to 120

Core Curriculum Evaluation Reports

Jon Campbell presented a report for the College of Science on the Departments of Biology, Chemistry and Biochemistry, Mathematics and Physics. The Texas Higher Education Coordinating Board has directed Texas institutions to provide courses to satisfy Exemplary Education Objectives (EEOs). The way in which these objectives might be met vary according to the substance of the course. Particular EEOs were selected by each department. These EEOs were identified from a list of five objectives. Handouts on the process and results were distributed and reviewed. A discussion of the process and benefits followed.

Matthew Levy presented a report for the College of Liberal Arts on the Department of English. A committee randomly chose seven ENGL 1302 classes which represent 10 % of students taking the course and assessed the final assignment of the course, a research position paper. ENGL 1302 is the second semester of first-year English, focusing on argument. The position paper is the culminating assignment of the course and first-year English, worth 25% of the final grade. The project asks students to chose a controversial topic, do research, take a stand, develop an argument that supports that stand, rebut major oppositional stands with their own position and present their argument in a manner to persuade an audience. The papers were evaluated according to seven traits on a scale of one to seven with seven being the best. The committee reviewed the results and made several recommendations.

Charla Markham Shaw presented a report on the Department of Communication. In evaluating the component of communication in the curriculum, the faculty who teach in the speech communication sequence and teach courses that meet the requirements for oral competency came together and created a master rubric. We tied each element in our rubric to the EEOs and used this tool to assess student success and student competency.

This tool proved valuable to us in two ways. The first is that it identified a weakness in hard curriculum. We were not consistently evaluating one of the EEOs across all the courses. Secondly, it has provided us with a tool that we can consistently use across multi sections of courses and has become an assessment tool that we use in our Unit Effectiveness Planning regularly to assess student success as well as our curricular strengths and weaknesses.

A discussion of the purpose and benefits of the curriculum review process in general followed.

Other Business. Provost Dunn reminded everyone to attend the University Faculty and Associates meeting on Monday. Many outstanding faculty will be receiving awards for teaching, scholarship and advising.

Kim van Noort asked for a round of applause for Provost Dunn who has led us so well.

Adjournment. The meeting adjourned at 3:25 p.m.

Michael K. Moore
Secretary

MKM:jw