

**THE UNIVERSITY OF TENNESSEE  
UNDERGRADUATE COUNCIL**

**MINUTES OF MEETING  
September 20, 2001**

Members present:

Mary Albrecht, Angela Batey, Elizabeth Clement, Chris Cox, Don Cox, David Dobbs, Tom George, Fred Gilliam, Katie Gregory, Heather Hirschfeld, Andrew James, Faye Julian, Robert Leiter, Johnie Mazingo, Mike Mullen, Fred Pierce, Paul Pinckney, Max Robinson, Richard Saudargas, Charles Schreck, Euridice Silva, Jean Skinner, Frank Spicuzza, Terry Stratta, Miriam Summers, and Linda Tober.

Members absent:

Betsey Haughton, Robert Hinde, Suzanne Kurth, Mark Moon, Harold Roth, Carol Seavor, Delores Smith, Michael Ware.

Proxy:

Monique Anderson (Richard Bayer), Rita Smith (Barbara Dewey), and Candace White (Eric Haley).

Julian called the meeting to order at 1:30 p.m.

- I. Progress report of the General Education Committee—Fred Gilliam  
Gilliam, chair of the General Education Committee, stated that the report of the committee had been presented to the Council at its 15 March meeting and is contained in the minutes of that meeting. He added that work remains to be done especially evaluating courses and developing lists of courses for the general education requirement. He again invited comments from the Council and asked the members of the Council to contact their colleges and report on the strengths and weaknesses of the proposals. Several members noted that the proposal seemed to be a good fit with curricular changes that were being considered. Albrecht urged a broader understanding of the communications requirement to include visual as well as oral and written components. Gilliam noted the target date for a vote on the structure of the proposal is the November meeting of the Council.
- II. Curricular Changes
  - A. College of Engineering  
Gilliam presented minor revisions to several engineering courses. Council approved.
  - B. Spicuzza presented a curricular proposal that would use a new course concerned with social work among diverse populations to meet the College's US Studies requirements. The proposal meets all general education requirements. Council approved. The revised curriculum appears on p. 13233.
- III. Announcements  
Anderson, University Registrar, stated that some students were being called to active duty because of the response to the 11 September terrorist attacks. She asked that faculty and staff refer effected students to the Registrar's Office for aid in withdrawing from courses, returning of fees, procedures for readmission, and other necessary arrangements.

Pinckney asked if there was discussion of possible awarding of grades. Julian commented that was too early in the term for that to be an issue.

Stratta, newly elected Council member, asked if consideration had been given to change Council meeting times to conform more closely with Tuesday-Thursday class schedules. Mullen stated that it was impossible to schedule meetings that would not overlap some class meeting times and that, because the Council meeting dates made for few class conflicts, alternate plans can be made for those meetings.

There being no further business, the Council adjourned at 2:45 p.m.

All material requiring Faculty Senate approval appears on pp. 13228-13233.

Respectfully submitted,


Linda M. Tober  
Secretary to the Undergraduate Council

THE UNIVERSITY OF TENNESSEE  
KNOXVILLE



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## MEMORANDUM

To: Undergraduate Council  
From: Fred Gilliam   
Subject: College of Engineering Agenda for September 20, 2001 Meeting  
Date: August 31, 2001

A summary of the College of Engineering agenda for the September 20 meeting is shown below. The detailed curriculum proposals are attached. The faculty of the College of Engineering has approved each agenda item.

**Chemical Engineering**  
Drop one course

**Engineering Fundamentals**  
Revise two courses

**Industrial Engineering**  
Add and crosslist one course

**Mechanical and Aerospace Engineering and Engineering Science**

Aerospace Engineering  
Add one course

Mechanical Engineering  
Add and crosslist one course

**Nuclear Engineering**  
Crosslist one course

## **College of Engineering**

### **Undergraduate Curriculum Changes**

#### **Chemical Engineering**

Drop:

- 403 Introduction to Optimization (3)**  
Effective date: Fall 2002

#### **Engineering Fundamentals**

Revise credit hours, course title, course description, grading system, and prerequisites:

- 108 Honors: Fundamentals of Engineering Mechanics (6)**  
Honors version of EF 102 for well-prepared students. A, B, C, NC grading. Prereq: EF 101, participation in the University Honors program or consent of instructor. Coreq: Math 142 or higher. Sp.

Formerly:

- 108 Engineering Fundamentals Honors Seminar (1)  
Honors seminar of students also enrolled in EF 102. Prereq: Participation in the University Honors program or consent of instructor.  
  
Effective date: Spring, 2002

Revise credit hours and course description:

- 100 Engineering Skills Development (1-3)**  
Exercises in the skills and tools essential to the practice of engineering. Credit cannot be used toward any engineering degree. May be repeated. S/NC grading.

Formerly:

- 100 Engineering Skills Development (1)  
Exercises in the skills and tools essential to the practice of engineering. Credit cannot be used toward any engineering degree. S/NC grading.  
  
Effective date: Spring, 2002

## **Industrial Engineering**

Add and crosslist:

**483 Introduction to Reliability Engineering (3)** (Same as Nuclear Engineering 483)

## **Mechanical and Aerospace Engineering and Engineering Science**

### **Aerospace Engineering**

Add:

**201 Aerospace Seminar (1)**

An overview of aerospace engineering with lectures, laboratory demonstrations, and field trips. Aerospace history, aircraft and space flight fundamentals, propulsion techniques, wind tunnel testing, biomedical issues in aviation and space flight. S/NC. Prereq: Sophomore Standing in Aerospace Engineering or consent of instructor. F.

Effective date: Fall 2002

### **Mechanical Engineering**

Add and crosslist:

**483 Introduction to Reliability Engineering (3)** (Same as Nuclear Engineering 483)

## **Nuclear Engineering**

Crosslist:

**483 Introduction to Reliability Engineering (3)**

Probabilistic failure models, parameter estimation (maximum likelihood, Bayes techniques), model identification and comparison, accelerated life tests, failure prediction, system reliability, preventive maintenance and warranties. Prereq: Senior standing or consent of instructor. (Same as Mechanical Engineering 483 and Industrial Engineering 483)

Effective date: Spring 2002



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**MEMORANDUM**

**TO:** Dr. Linda Tober, Assistant Dean  
Undergraduate Academic Affairs

**FROM:** Frank Spicuzza, Director, BSSW Program  
College of Social Work

**DATE:** August 16, 2001

**SUBJECT:** Curricular Changes

The following curricular proposal has been approved by the faculty of the College of Social Work and is submitted to the Undergraduate Council for consideration. If approved, these changes, listed below, would go into effect in Fall, 2002.

**Add:** Social Work 316, Culturally Responsive Social Work Practice (3)

Introduction to the field of social work practice with diverse populations. The course focuses on variables of race, ethnicity, gender, class, and sexual orientation as they relate to generalist practice. Prerequisite: Initial Progression; Prerequisite or Corequisite 314 and 312

**Drop:** U.S. Studies Requirement (3)

One course selected from an approved list. Focus on understanding U.S. society.

Revision of Major Showcase on page 129 (2001-2002 Undergraduate Catalog) attached. Items that changed are in ***bold italic***.

**CURRICULUM**

**Hours Credit**

**Freshman**

English 101, 102 .....	6
<sup>1</sup> Foreign Language (Intermediate Level) .....	6
Mathematics 110 or Math 119 .....	3
Biology 101-102 .....	8
Anthropology 130 .....	3
Political Science 101 .....	3
Women's Studies 220, 453, 375, or 382 .....	3

**Sophomore**

Information Sciences 310 .....	3
<sup>2</sup> Humanities (Literature Package) .....	6
<sup>3</sup> Humanities (Philosophy) .....	3
<sup>5</sup> History 241-242 or 261-262 .....	6
Psychology 220 .....	3
Social Work 200, 250 .....	6
Economics 201 .....	4

**Junior**

Social Work 312, 313, 314 .....	9
<b>Social Work 316 .....</b>	<b>3</b>
<sup>4</sup> Foreign Studies .....	3
Math 115 or Psychology 385 .....	3
Social Work 310, 380 .....	6
Child and Family Studies 220 .....	3

**Senior**

Social Work 412, 416 .....	6
Social Work 480, 481 .....	12
Social Work 460 .....	2
<sup>6</sup> Regional Studies .....	3
Electives .....	11

Total: 124 hours

<sup>1</sup>Rehabilitation and Deafness 223 - American Sign Language I (3), and 226 - American Sign Language II (3) will fulfill the foreign language requirement.

<sup>2</sup>The following Literature packages may be selected: Classics 253-254; English 201-202; English 221-222; English 231-232 or 233; Germanic and Slavic Languages 221-222; Religious Studies 312-313; French 291-292; Spanish 291-292.

<sup>3</sup>One course selected from: Classics 221; Classics 222; Philosophy 110; Philosophy 111; Philosophy 120; Philosophy 121; Philosophy 240; Philosophy 344; Philosophy 380; Philosophy 382.

<sup>4</sup>*One course selected from: Anthropology 313; Anthropology 314; Classics 381; Classics 382; English 302; Geography 372; Geography 373; Geography 375; Geography 379; German 363; History 320; History 360; History 361; History 374; Philosophy 326; Political Science 350; Political Science 361; Religious Studies 332; Religious Studies 386; French 432; Spanish 431; Spanish 471; Sociology 446; Women' Studies 360.*

<sup>5</sup>Or Asian Studies 101-102, History 255-256, Medieval Studies 201-202.

<sup>6</sup>Anthropology 312; Geography 363; History 444; History 449; Political Science 315; Religious Studies 351.