

MINUTES

COMMISSION ON UNDERGRADUATE STUDIES

Board Room - Burruss Hall  
May 13, 1985 - 3:00 P.M.

PRESENT: Dr. D. P. Roselle, Chairman; Dr. P. L. Hall, Secretary;  
Deans Bonham, Egger, Ford, Harris, Ogliaruso, Padis and  
Purdy; Senator Crittenden; Professors Coartney, Entzminger,  
Howard, Krebs and Lovingood.

ABSENT: Dr. Phlegar, Dr. Carson; Senators Cook and Purcell;  
Professors Cobb and Sherman; Student Representatives  
Driskill, Goulson, Kepley, and Park.

VISITORS: John Ashby, Spectrum

1. Call to Order and Announcements.

Dr. Roselle called the meeting to order at 3:02 p.m. He announced:

- a). Admissions for the upcoming Fall Quarter are very close to target. Acceptances number 4401. About 250 losses over the course of the summer are anticipated. Also, quality is up a bit overall; and quality in a couple of places is up dramatically, with SAT average increases in the area of 20 points.
- b). Dr. Hall will be leaving in June. His position has been advertised locally, with the announcement that applications and nominations are being sought and that the position will be filled by a present member of the Virginia Tech faculty or staff.
- c). Calendar conversion is underway in the colleges. The deans have appointed "transition directors" in all the colleges, and soon the Provost will appoint a University committee to oversee the entire process. That committee will include all the college transition directors.

No pool of extra resources has been put aside to spend on calendar conversion, nor have hard and fast rules been imposed to govern the shape of the converted curriculum. However, departments and colleges must be guided by the overall need to keep the curriculum near its current size (that is, we should end up with 2/3 as many courses in the catalog as we now have) and to keep course loads for students at their current levels (that is, 3-hr. courses should be the norm).

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There need be no absolute moratorium during the transition period on introduction of new courses for the quarter calendar. However, proposals for such new courses should probably be accompanied with appropriate explanation of what will happen to them when the semester calendar is put into effect.

2. The Agenda was adopted, as distributed.
3. The Minutes for the meeting of March 25, 1985, were approved without correction or addition.
4. Course Proposals were approved, as submitted. See attached lists for 4/22/85 and 5/13/85.
5. Faculty-Authored Textbook Approvals were granted. See attached lists.
6. Core Curriculum courses were approved. See attached list.
7. Adjournment - The meeting was adjourned at 3:57 p.m.

Respectfully submitted,

Philip L. Hall  
Secretary

CUS Meeting 4/22/85  
Proposed Courses

The following proposed courses are recommended favorably to the Commission by the Committee on Course Proposals.

Business

1. FIN 3110 (new) - Intermediate Financial Management (3H, 3C)
  - a. Effective Date: Fall 1985

Education

2. EDPE 3080 (new) - Special Olympics Programming (3H, 3C)
  - a. Effective Date: Fall 1985
3. EDVT 2420 (new) - Industrial Arts Production: Introduction (1H, 4L, 3C)
  - a. Upon approval of this and concomitant courses, the following courses should be dropped from the catalog: EDVT 2401, 2402, 2403, 3432, and 4431.
  - b. Effective Date: Fall 1985
4. EDVT 2430 (new) - Industrial Arts Production: Wood and Related Materials (1H, 6L, 4C)
  - a. Upon approval of this and concomitant courses, the following courses should be dropped from the catalog: EDVT 2401, 2402, 2403, 3432, and 4431.
  - b. Effective Date: Fall 1985
5. EDVT 3430 (new) - Industrial Arts Production: Plastics and Ceramics (1H, 4L, 3C)
  - a. Upon approval of this and concomitant courses, the following courses should be dropped from the catalog: EDVT 2401, 2402, 2403, 3432, and 4431.
  - b. Effective Date: Fall 1985
6. EDVT 3480 (new) - Industrial Arts Production: Construction (1H, 6L, 4C)
  - a. Upon approval of this course and concomitant courses, the following courses should be dropped from the catalog: EDVT 2401, 2402, 2403, 3432, and 4431.
  - b. Effective Date: Fall 1985
7. EDVT 4450 (new) - Industrial Arts Production: Manufacturing (1H, 6L, 4C)
  - a. Upon approval of this and concomitant courses, the following courses should be dropped from the catalog: EDVT 2401, 2402, 2403, 3432, and 4431.

7. EDVT 4460 (new) - Industrial Arts Production: Professional Laboratory  
(1H, 4L, 3C)
  - a. Upon approval of this and concomitant courses, the following courses should be dropped from the catalog: EDVT 2401, 2402, 2403, 3432, and 4431.
  - b. Effective Date: Fall 1985

CUS Meeting 5/13/85  
Proposed Courses

The following proposed courses are recommended favorably to the Commission by the Committee on Course Proposals.

Arts and Sciences

1. Art History Minor
  - a. Effective Date: Fall 1985
2. CS 1000 (new) - Computer Literacy (3H, 3C)
  - a. Effective Date: Fall 1985
  - b. Not for graduate credit
3. CS 4521-4522 (revision) - The Theories of Syntax, Semantics, and Computability (3H, 3C) each.
  - a. Old courses revised and renumbered into a sequence; old titles: Introduction to Formal Language (CS 4520), and Introduction to Theory of Computation (CS 4430)
  - b. Drop CS 4520 and CS 4430
  - c. Effective Date: Fall 1985
  - d. Graduate credit requested.
4. CS 4560 (revision) - Parallel Computers and Networks (3H, 3C)
  - a. Change in course title from Microcomputer Systems and Software to Parallel Computers and Networks
  - b. Change in laboratory hours from 3 to 0
  - c. Change in credit hours from 4 to 3
  - e. Not for graduate credit in CSA and EE
  - f. Revision in content from existing course - 60%
  - g. Effective Date: Winter 1986
5. CS 4620 (revision) - Programming Language Processing (3H, 3C)
  - a. Old course--currently dormant, used to be CS 3662. Last year, the course number CS 3662 was reused for a course with new material (there is no overlap between the old and the new CS 3662). The material of the old course, slightly expanded and deepened, is now proposed to be reinstated as CS 4620.
  - b. Revision in contents: 25%
  - c. Effective Date: Fall 1985
6. HISTORY - Change in Requirements for Minor in History
7. LASC 1500 (new) - Humanities, Science and Technology: An Introduction (3H, 3C)
  - a. Effective Date: Fall 1985
8. LASC 1600 (new) - Introduction to Humanities and the Arts (3H, 3C)
  - a. Effective Date: Fall 1985

9. MATHEMATICS 4530 (new) - Numerical Methods for Engineers (3H, 3C)
- a. This course can not be taken for graduate credit by mathematics majors. However, it may be taken for graduate credit by students in curricula other than mathematics.
  - b. Effective Date: Fall 1985
10. SOCIOLOGY - Change in Major Requirements in Sociology

Education

11. EDVT 4960 (revision) - Undergraduate Field Study
- a. Change in course title from Field Work to Field Study. This change has been made in the Undergraduate Catalog. It needs to be made on the computer printouts of schedules and grade sheets.

Engineering

12. Proposal to establish separate B.S. Degrees in Aerospace Engineering and in Ocean Engineering at Virginia Tech.
- 1) AOE 3254 (new) - Ship and Offshore Structures (3H, 3C)
    - a. Effective Date: Fall 1985
  - 2) AOE 3310 (revision) - Fundamentals of Ocean Engineering (3H, 2L, 4C)
    - a. This is a combination of two existing courses (AOE 3310 and AOE 3152).
    - b. Change in course title from "Ocean Engineering Models and Methods" to "Fundamentals of Ocean Engineering"
    - c. Change in total hours from a total of (4H, 2L) to (3H, 2L)
    - d. Change in credit hours from a total combination of 5 credits to 4 credits
    - e. No major change in coverage or content. Combination will end some duplication of lecture content.
    - f. With approval of this revision, drop the following course from the catalog: AOE 3152, Ocean Engineering Laboratory
    - g. Effective Date: September 1, 1985
  - 3) AOE 4000 (new) - Introduction to Design (1H, 1C)
    - a. Not for graduate credit
    - b. Effective Date: September 1, 1985
  - 4) AOE 4520 (new) - Ocean Wave Mechanics (3H, 3C).
    - a. Graduate credit is requested
    - a. Effective Date: September, 1985
13. CE 3100 (revision) - Soil Mechanics (3H, 2L, 4C)
- a. Change in hours from (3H, 3C) to (3H, 2L, 4C)
  - b. Effective date: September 1, 1985

14. CE 4560 (new) - Seepage Through Soils (3H, 3C)
  - a. Drop CE 4370, 4380, 5150
  - b. Graduate credit is requested
  - c. Effective Date: September 1, 1985
  
15. CE 4570 (new) - Applied Geotechnical Engineering Analysis (3H, 3C)
  - a. Drop CE 4510
  - b. Effective Date: September, 1985.

May 7, 1985

To: Commission on Undergraduate Studies  
From: Wayne Purcell  
Re: Faculty Authored Texts

The following are recommended for approval:

### Arts and Sciences

Marvin Lentner, Intro to Applied Statistics, 2nd ed., VPI, 1975  
for use in Stat 2001, 2002.

C. D. Bryant, Khaki-Collar Crime, The Free Press, 1979 for use in  
Soc 3570. (Approval for fall 1985 only).

D. J. Shoemaker, Theories of Delinquency, Oxford Univ Press, 1984  
for use in Soc 3320.

Doris Teichler-Zallen and Colleen D. Clements, Science and  
Mortality, Lexington Books, 1982 for use in LASC 3100 (one year  
approval only).

Marvin Lentner, An Intro to Analysis of Variance and Experimental  
Designs, Unpublished Manuscript, for use in Stat 4270 (one year  
approval only).

David Denning and David Jenkins, Laboratory Experiments for  
Introductory Physics, Unpublished manuscripts, for use in Phys  
2301,2,3 and 3301,2.

R. G. Krutchoff, Statistics and Society, Unpublished manuscript,  
for use in Stat 1000.

Clifton Bryant, Sexual Deviancy and Social Proscription, and  
Sexual Deviancy in Social Context for use in Soc 4550 (approved  
for 2nd summer 1985 only).

### Engineering

Hugh VanLandingham, Introduction to Digital Control Systems, Macmillan,  
1985 for use in EE 4403

### Human Resources

E. T. Garman, S. W. Eckert, and R. E. Forgue, Personal Finance,  
Houghton Mifflin, 1985 for use in HIDM 3300.

M. J. Horn and L. M. Gurel, The Second Skin, Houghton Mifflin,  
1981 for use in CT 1000.



VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

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DEPARTMENT OF AGRICULTURAL ECONOMICS

Please add to list of faculty authored texts for May 13 CUS meeting:

John T. Mentzer and David J. Schwartz  
Marketing Today, 4th Ed.  
Harcourt, Brace, Jovanovich, 1985  
for use in MKTG 3501, 3502  
(4 year approval).

# VIRGINIA TECH

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## M E M O R A N D U M

TO: CUS Members

DATE: May 7, 1985

FROM: P. L. Hall

SUBJECT: Core Curriculum

The following two elements - one sequence in Theatre Arts and one cluster in Women's Studies - are placed before the Commission by the Core Curriculum Committee with the recommendation that they be added to the list of courses approved for inclusion in the Core Curriculum, Humanities/Arts Area.

<u>Department</u>	<u>Course No.</u>	<u>Course Title</u>
LASC	1600	Intro. to Humanities and the Arts
	1800	Intro. to Women's Studies
	then choose <u>one</u> of	
	2220	Women and Creativity
	3220	Feminist Theory
TA	2000	Theatre Appreciation
	2010	Intro. to Drama
	2020	Theatre Practice

P LH:an