

MINUTES

COMMISSION ON UNDERGRADUATE STUDIES

December 11, 1978
Room 120 - Williams Hall

PRESENT: Provost J. D. Wilson and Assistant Provost R. J. Nurse; Deans C. A. Atwell, T. W. Bonham, D. R. Ford, G. A. Gray, T. R. Humphreyville, (Ms. Nancy Reams substituting for M. P. Lacy), J. T. Regan, and E. R. Stout; Professors N. S. Eiss, W. E. Leininger, H. B. Miller, T. G. Teates, R. B. Vasey, and R. E. Zody; Senator C. A. Kennedy; and Visitors E. W. Carson and R. W. Tillman.

ABSENT: Professors V. R. Fu; Senators J. P. Marshall and H. F. VanLandingham; Student Representatives C. Helm, M. D. Pace, E. Bryan, and T. Fearnow

1. The agenda was approved as amended.
2. Minutes of November 27 were approved with a correction: Professor N. S. Eiss' name was added to persons who were absent.
3. Report of University Council meeting was given by Dr. Wilson.
4. New Course/Program Approval Requests

AGRICULTURE AND LIFE SCIENCES

Provisionally Approved New Program - Proposed bachelor's degree in Integrated Pest Management
The rationale for the program was distributed with the agenda. A tentative list of courses comprising the program was distributed at the meeting. CUS approved the concept of having a degree in Integrated Pest Management provided the College of Agriculture and Life Sciences submits the program of study for the approval of CUS before implementing the program

ENGINEERING

New Courses

- Approved AOE 3140 - Boundary Layer and Heat Transfer I (3H,3C) - Effective June 1, 1979
- Approved AOE 4210 - Vehicle Stability and Control II (3H,3C) - Effective January 1, 1979. Not for graduate credit.
- Approved ChE 2120 - Introduction to Chemical Engineering (6H,6C) - Effective Summer, 1979. Will replace ChE 2980 offering. The catalog description will read:
An intensive treatment of ChE 2111-2112. Normally offered during summer session for transfer students in preparation for junior-level course work in chemical engineering. Prereq. Chem 1033.

- Approved IEOR 4160 - Industrial Hazard Control Laboratory (1H,2L,2C).
Effective immediately. No graduate credit.
- Approved IEOR 4410 - Systems Safety Analysis (3H,3C). Effective
immediately. No graduate credit.
- Approved IEOR 4420 - Industrial Fire Control (3H,3C). Effective
immediately. No graduate credit.

Modified Courses

- Approved AOE 3101 - Aero/Hydrodynamics I (3H,3C). Effective March 1, 1979.
Nature of change: Title - from Aerodynamics to Aero/Hydrodynamics I;
Credit hours - from 4 to 3; Prerequisites - from AOE 2270,
Co: ME 3031 to ESM 2020, Co: Math 2213; Laboratory part of
course removed and made part of AOE 3102; and catalog description
and syllabus revised.
- Approved AOE 3102 - Aero/Hydrodynamics II (3H,3L,4C). Effective
March 1, 1979. Nature of change: Title - from Fund. of
Aerodynamics II to Aero/Hydrodynamics II; credit hours -
from 3 to 4; Prerequisites - from 3101 to 3101 and 3140; and
catalog description and syllabus revised.
- Approved AOE 3240 - Vehicle Stability and Control I (3H,3C) -
Effective January 1, 1979. Nature of change: Course number
from 4240 to 3240.
Course title: from Vehicle Stability and Control to Vehicle
Stability and Control I
Prerequisites: from "none specified" to AOE 3102
This course previously taken during the senior year is now
scheduled in the junior year.
- Approved AOE 3270 - Vehicle Performance I (3H,3C) - Effective January 1,
1979. Nature of change: Course number from AOE 2270 to
AOE 3270
Prerequisites: from Math 2211, ESM 2010 to Math 2211, ESM 2010,
AOE 3101. Catalog description and syllabus revised
- Approved AOE 4140 - Boundary Layer and Heat Transfer II (3H,3C) - Effective
June 1, 1979. Nature of changes: Course title: from Boundary
Layer and Heat Transfer to Boundary Layer and Heat Transfer II
Prerequisites: from 3103 to 3103 and 3140
- Approved EE 4540 - Computer Organization - to be deleted. The
material covered in this course is currently covered in
EE 3500, Introduction to Computer Engineering

Number justification for the engineering courses - prerequisites
indicate appropriate level, and they are all part of sequential
offerings

5. Faculty-authored Textbook Approval Requests

AGRICULTURE AND LIFE SCIENCES

Not Approved Leuschner, W. A. The Essentials of Forest Resource Management. Cost to students \$3-4. For use Winter, 1979. Note - request for approval was not received in time for review by CORAE.

ARTS AND SCIENCES

Referred to CORAE Bloss, F. D. An Introduction to the Methods of Optical Crystallography Holt, Rinehart and Winston, 1961. For use in Geology 4510, Optical Crystallography. (\$16.50) Book has been used in this course since 1967. Book was not received in time for review before this meeting.

4-yr. Approval Campbell, H. G. Linear Algebra with Applications: Including Linear Programming. Prentice-Hall, 1971 (14.95) for use in Math 3521-2, Matrix Algebra and Linear Programming

4-yr. Approval Campbell, H. G. and Spencer, R. E. Finite Mathematics. Macmillan, 1974. (\$15.50) for use in Math 1020, Introduction to Finite Mathematics

4-yr. Approval Johnson, L. W. and Riess, R. D. Numerical Analysis. Addison-Wesley, 1977. (\$15.95) for use in Mathematics 4441-2-3, Introduction to Numerical Analysis

4-yr. Approval Eastman, A. M., Ed. The Norton Reader, 4th ed. and shorter ed. W. W. Norton Co., 1977. for use in English 1122, Freshman English (\$5.95/\$7.95)

BUSINESS

4-yr. Approval Scott, Martin, Petty & Keown. Cases in Finance. Prentice-Hall, 1977. (\$6.95) for use in BAD 4140, Advanced Financial Management

ENGINEERING

4-yr. Approval Krebs, R. D. and Walker, R. D. Highway Materials. McGraw-Hill, 1971. (Approx. \$20) for use in CE 3050 - Civil Engineering Materials

1-yr. Approval Stutzman, W. L. Antenna Theory and Design. John Wiley and Sons, 1980 (approx. \$15) for use in EE 4120 Antennas - Winter quarter 1979

Recommend approval of the sale of notes by the University Bookstore (at cost) until the publication of the text. The text itself is then approved for a period of one year following first usage.

6. Literacy Sub-committee Report

Dr. Wilson distributed copies of the proposed questionnaire for faculty. Several suggestions were made for changes. Questionnaire was referred to sub-committee to have English Department faculty who worked on it make suggested changes and to have it pre-tested before general circulation.

7, 8, 9, 10. Items 7, 8, 9, 10 were postponed until the meeting of January 8.

11. Added agenda item: Do faculty-authored lab manuals require CUS approval? Deferred until meeting of January 8.

12. Meeting adjourned at 5:10 p.m.

Respectfully submitted,

T. R. Humphreyville
Secretary

kdk