

The University Faculty met in the Assembly Room of Lafferty Hall, Monday, March 10, at 4:00 p.m. President Donovan presided. Members absent were H. P. Adams*, C. A. Anderson, James S. Calvin, Frank G. Dickey, W. P. Garrigus, J. P. Hammond, Ellis Hartford, R. D. Hawkins, Elizabeth Helton, A. C. McFarlan, Edward Rannells, D. M. Seath, A. E. Slessor, Robert H. Smith, D. V. Terrell, Lawrence Thompson*, Martin E. Weeks and Frank J. Welch.

The minutes of February 11 were read and approved.

Dean White presented recommendations from the College of Arts and Sciences which were approved by the University Faculty.

I. NEW COURSES

A. & P. 117 - Physiological Effects of Radiation (2)

General biological effects of external radiation, tracer methodology, total body irradiation, health physics, and medical uses of radioactive isotopes. Lectures and recitations, fifteen hours per week for two weeks.

Bot. 136 - Introduction to Radiation Botany (2)

The effects of ionizing radiation on plants; the production of gene mutations and chromosome aberrations; the use of isotopes in studying plant processes. Lectures and recitations, fifteen hours per week for two weeks.

Zool. 125 - Principles of Radiation Zoology (2)

The effects of ionizing and energy rays on tissues and organismic processes. Inactivation and recovery, pathology, death, shielding, irradiation and embryological processes. Uses of unstable isotopes. Lectures and recitations, fifteen hours per week for two weeks.

Chem. 100 - Introduction to Radiochemistry (2)

A non-technical introductory course in the principles and applications of radiochemistry. Open to persons without previous training in chemistry. Lectures and recitations, fifteen hours per week for two weeks. Summer 1952 only.

Physics 151 - Radiation Physics (2)

A survey course for general students covering the physical basis, detection, and physical properties of atomic and nuclear radiations. No prior training in physics required. Lectures and recitations, fifteen hours per week for two weeks. Summer 1952 only.

II. COURSES TO BE DROPPED

Bot. 34 - Cytogenetics (2)

Anthro. 10a, b - Field Work in Anthropology (3, 3)

Anthro. 110a, b - Field Methods in Anthropology (3, 3)

Hist. 30 - The Rise of American Nationality (3)

Hist. 176 - France Since 1870 (3)

Hist. 177 - Germany Since 1870 (3)

Hist. 178 - The Balkan Peninsula (3)

R. L. 12 - Aural-Oral Practice in French (1)

R. L. 14 - Aural-Oral Practice in Spanish (1)

*Absence explained

III. ABSENCES TO BE AUTHORIZED

1. All Army ROTC students:

March 24th, Ninth and tenth hours (Brigade Parade).
April 16th, Ninth and tenth hours (Federal Inspection).

2. Physical Education 61:

March 17th, 18th, and 19th (visit schools and recreation centers in Cincinnati and attend Midwest Convention of the American Association for Health, Physical Education, and Recreation).

3. Physical Education 18:

March 12, beginning with eighth hour, through March 13th (present a program on the Modern Dance at the Assembly of Morehead College).

Dean White also announced that the faculty of the College of Arts and Sciences had approved certain recommendations concerning fraternity scholarship and he moved that these recommendations be referred to the Committee on Rules. The Faculty so ordered.

In the absence of Dean Terrell, Professor Romanowitz presented recommendations from the College of Engineering concerning new and dropped courses and changes in courses which were approved by the University Faculty.

Change in Title and Prerequisites:

Change the title of Mining Engineering 131 from Mine Surveying to Mine Surveying Practice. Add to the present prerequisites Mining Engineering 126a.

New Courses to be added:

Mechanical Engineering 137, Motion and Time Study. 3 sem. hrs.
Principles and uses of motion economy and fundamentals of time study. Lecture and recitation, three hours. Prerequisite: Mech. Eng. 15b.

Mechanical Engineering 138, Production Engineering. 3 sem. hrs.
Scheduling, routing, material control, quality control, and problems in engineering economy. Lecture and recitation, three hours. Prerequisite: Mech. Eng. 137.

Mechanical Engineering 139, Plant Layout. 3 sem. hrs.
Selection of processes and machines, material handling systems, and plant requirements. Lecture, two hours; drawing room, three hours. Prerequisite: Mech. Eng. 138.

Mechanical Engineering 141a, Mechanical and Electrical Equipment for Buildings. 3 sem. hrs.
A course for Architectural Engineers. The principles of water supply, plumbing and drainage, air conditioning, electrical equipment, lighting, and acoustics are studied. Lecture and recitation, three hours. Prerequisite: Phys. 3b.

Mechanical Engineering 141b, Mechanical and Electrical Equipment for Buildings. 3 sem. hrs.

Continuation of Mech. Eng. 141a. Lecture and recitation, three hours. Prerequisite: Mech. Eng. 141a.

Change of Options and Rearranging of Curriculum in Mechanical Engineering:

Curriculum leading to the Degree of Bachelor of Science in Mechanical Engineering

First two years same as in the present catalogue

OPTION ONE

Air Conditioning

Junior Year same as in present catalogue

Senior Year same as the present Option One with the exception of adding Architectural Engineering C7, Building Construction, 2 semester hours to the Second Semester of the Senior Year making a total of 21 credits instead of 19.

OPTION TWO

Aeronautical Engineering

Same as in the present catalogue for all four years.

OPTION THREE

Industrial Engineering

JUNIOR YEAR

<u>First Semester</u>	<u>Crs.</u>	<u>Second Semester</u>	<u>Crs.</u>
Assem. 4a--Class Society	0	Assem. 4b--Class Society	0
Mech. Eng. 137--Motion and Time Study	3	Mech. Eng. 138--Production Engineering	3
Applied Mech. 2--Mechanisms	3	Mech. Eng. 100a--Machine Design	3
Applied Mech. 7--Dynamics	3	Mech. Eng. 104b--Engineering Thermodynamics	3
Applied Mech. 100--Strength of Materials	4	Mech. Eng. 107--Fluid Mechanics	3
Mech. Eng. 104a--Engineering Thermodynamics	3	Mech. Eng. 112--Mechanical Laboratory	2
Elec. Eng. 105a--Electrical Engineering Circuits and Machinery	4	Elec. Eng. 105b--Electrical Engineering Circuits and Machinery	4
Civ. Eng. 81--Testing Materials	1	Civ. Eng. 12--Plane Surveying	3
	<u>21</u>		<u>21</u>

SENIOR YEAR

First Semester		Second Semester	
	Crs.		Crs.
Assem. 5a--Class Society	0	Assem. 5b--Class Society	0
Mech. Eng. 139--Production Control	3	Mech. Eng. 140--Plant Layout	3
Mech. Eng. 100b--Machine Design	3	Mech. Eng. 108--Internal Combustion Engines	3
Mech. Eng. 129--Elements of heat Transfer	4	Applied Mech. 107--Mechanical Vibrations	4
Mech. Eng. 113a--Mechanical Laboratory	2	Mech. Eng. 113b--Mechanical Laboratory	2
Econ. 51--Principles of Economics	3	Eng. Adm. 102--Engineering Administration	3
Sociology 25--Collective Behavior	3	Mech. Eng. 136--Internal Combustion Engine Lab.	1
Mech. Eng. 122a--Seminar	1	Mech. Eng. 122b--Seminar	1
Math. 35--Differential Equations	2	Mech. Eng. 133--Tool Design	3
	<u>21</u>		<u>20</u>

Dean Carpenter presented for the College of Commerce a recommendation for a new course and for course changes which were approved by the University Faculty.

1. New course:

Commerce 166, Personnel Problems. 2 credits.
A case course in the problems of supervision of employees, and the personnel policies which promote productive efficiency.
Prerequisite: Econ. 155

2. Change in course number:

Change Economics 16 to Economics 167
This is a tutorial work course for Arts and Sciences students wishing to major in Economics. It will continue to carry 1 hour of credit.

3. Change in Personnel Management Curriculum:

Remove Economics 112a, b, and add Economics 166, Personnel Problems.

Dean Carpenter also asked permission of the Faculty to make certain substitutions in the curriculum in Personnel Management which were made necessary by changes in the courses concerned. These changes would substitute Psychology 128 for Psychology 106. In the Commerce-Law curriculum he asked to substitute History 5a and b for History 10a and b. The Faculty approved these changes in the two curricula.

Dean Spivey presented for the Graduate Faculty the following names of persons recommended for honorary degrees, to be conferred at the Commencement on May 30, 1952:

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Mark Foster Ethridge, LL.D. (renewal invitation)
 Paul Garrett Blazer, LL.D.
 Lawrence W. Wetherby, LL.D.
 Lucius DuBois Clay, LL.D.

Louis Ware, Sc.D.
 John E. Brown, LL.D.
 David Morton, Litt.D.

He called attention to the necessity for keeping the list confidential until approved by the Board of Trustees and accepted by the persons concerned. The University Faculty voted to recommend these persons to the Board of Trustees for the degrees indicated.

President Donovan announced that he had received a request from the editor of the Kernel to be allowed to attend faculty meetings as a reporter. He stated he had also had a similar request from Mr. R. W. Wild, Director of Public Relations. After some discussion, the University Faculty approved the motion that both Mr. Wild and the editor of the Kernel be invited to attend the meetings of the University Faculty for information but not as reporters.

The Faculty adjourned.

R. L. Tuthill
 Secretary

Minutes of the University Faculty, April 21, 1952

The University Faculty met in the Assembly Room of Lafferty Hall, Monday, April 21, at 4:00 p.m. President Donovan presided. Members absent were H. H. Downing, A. C. McFarlan, L. E. Meece, Frank D. Peterson, Robert H. Smith, R. L. Tuthill*, Martin E. Weeks, and Frank J. Welch, and Col. C. N. Mount.

The minutes of March 10 were read and approved.

Dr. Donovan introduced Mr. Wild, Director of Public Relations, and Mr. Mansfield, Editor of the Kernel, who were attending the meeting for information.

Dean Kirwan, Chairman of the Committee on Student Organizations, presented a recommendation that a new departmental club, to be known as the English Club, be approved by the University Faculty. The Faculty approved the formation of the English Club.

Dean White presented for the College of Arts and Sciences, a recommendation for changes in the Rules of the University Faculty as they pertain to Military and Air Science and requested that the recommended changes be referred to the Committee on Rules for further study. He referred the Faculty to the sub-head "Advanced Credit" and asked the Faculty to add the following to the last sentence "unless he was previously enrolled in R.O.T.C.". Dr. Donovan referred the recommended changes to the Committee on Rules with the request that they bring their findings before the Faculty later on, and if possible at the next Faculty meeting.

Dean Terrell presented the following dropped course and courses to be added in the College of Engineering, which were approved by the University Faculty.

* Absence explained