

The University Faculty met in the Assembly Room of Lafferty Hall Monday, November 9, 1959. In the absence of President Dickey, Vice President Leo M. Chamberlain presided. Members absent were: A. D. Albright, R. W. Boughton, George B. Byers, Morris Cierley, Carl Cone, A. L. Cooke*, Lyman V. Ginger, C. P. Graves, Carsie Hammonds, H. W. Hargreaves, W. M. Insko, Don R. Jacobson, Abby L. Marlatt, L. L. Martin, Joe Logan Massie, W. L. Matthews, Jr., Frank D. Peterson, Robert W. Rudd, G. W. Schneider, Doris M. Seward, R. E. Shaver, H. E. Spivey, Robert Straus, M. Rodman Sulliyann, Lawrence Thompson, Stanley Wall*, Warren W. Walton, Gilbert T. Webster, Frank J. Welch, H. E. Wetzel*, M. M. White*, and Kenneth R. Wright.

The minutes of the special meeting of October 28 were read and approved.

In the absence of Dean Shaver, Prof. David K. Blythe presented recommendations from the College of Engineering, covering new and dropped courses and changes in courses; also a revised curriculum leading to the degree of Bachelor of Science in Civil Engineering. All recommendations were approved by the University Faculty.

COURSES TO BE DROPPED

- Civil Engineering 24-- SANITARY ENGINEERING FOR SANITARY INSPECTORS- 4 credits
- Civil Engineering 190- WATER WORKS AND WATER TREATMENT- 3 credits
- Civil Engineering 191--SEWERAGE AND SEWAGE TREATMENT- 3 credits
- Civil Engineering 242a-d- RAILROAD ENGINEERING- 3 credits each
- Civil Engineering 252c,d-- SANITARY ENGINEERING (CE 252a,b to remain) - 3 credits each
- Civil Engineering 262a-d-- GEODETIC ENGINEERING- 3 credits each
- Applied Mechanics 6-- MECHANISMS- 2 credits
- Engineering Drawing 115-- PHOTOGRAPHY- 3 credits
- Engineering Administration 1-- ENGINEERING ORIENTATION- no credit
- Fire Protection & Safety Engineering 101b,c-- FIRE PROTECTION ENGINEERING 2 credits each.

CHANGE IN COURSE CONTENT

Catalog description of Civil Engineering 110a, REINFORCED CONCRETE, should be changed as follows:

110a (NEW NO. CE 392) REINFORCED CONCRETE (3) I, II
Theory and design of beams, slabs, girders and columns as related to building frames and bridges. Introduction to pre-stressed concrete, elastic design and ultimate strength design. Lecture and recitation, three hours. PREREQ: CE 171b (New No. CE 480)

CHANGE IN COURSE CONTENT AND CREDIT HOURS

Civil Engineering 175, TIMBER STRUCTURES, to be changed from two credits to one credit with the following course description.
175 (New No. CE 385) TIMBER STRUCTURES (1) I, II
Design of structural beams, columns and trusses as related to timber structures. Drawing room three hours. Prereq: CE 171a

* Absence explained

(New No. CE 380)

CHANGE IN CREDIT ONLY

Civil Engineering 150, WATER SUPPLY AND SEWERAGE, to be changed from four credits to three credits. Course description as follows:

150 (New No. CE 355) WATER SUPPLY AND SEWERAGE (3) I, II
For general Civil Engineering students. Theory and design of water treatment and sewerage disposal plants. Lecture and recitation, three hours. Prereq: CE 120 (New No. CE 350)

NEW COURSE TO BE ADDED

(New No. CE 102) CONSTRUCTION SURVEYS (1) I, II
Care and use of surveying instruments; site mapping by coordinates, stadia and plane table methods; layout of buildings and utilities Laboratory, three hours. Prereq: Math 18

CHANGE IN COURSE CONTENT AND COURSE NUMBER

Fire Protection and Safety Engineering 101a, FIRE PROTECTION ENGINEERING, to be changed to 101 with the following course description:

101 (New No. C. E. 351) FIRE PROTECTION ENGINEERING (2) I
A study of building materials and construction relative to fire prevention, principles of fire insurance rating, common hazards and fire protection methods.

CURRICULUM LEADING TO A DEGREE OF BACHELOR OF SCIENCE IN CIVIL ENGINEERING

(This program will be effective September 1960, and replaces the curriculum, including the options, in the current Catalog.)

FIRST SEMESTER	FRESHMAN YEAR	SECOND SEMESTER
CE 1a The Engineering Profession	0 CE 1b The Engineering Profession	0
Engl 1a English Composition	3 Engl 1b Engl Composition	3
Math 17 College Algebra	3 Math 19 Analytics & Calculus I	4
Math c18 Plane Trigonometry	2 Chem 2b General Chemistry for Engineers	4
Chem 2a General Chemistry for Engineers	4 ED 1b Descriptive Geometry	2
ED 1a Elementary Engineering Drawing	CE 12 Plane Surveying	2
Mil S Military or Air Science	2 Mil S Military or Air Science	2
P. E. Physical Education	1 P. E. Physical Education	1
	<u>17</u>	

FIRST S
CE 2a
Math 20
Phys 3e
Phys 4e
CE 16a
CE 5
CE 18
Mil S
CE 15
FIRST
CE 3a
CE 171
CE 120
CE 123
AM 100
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FIRST SEMESTER	SOPHOMORE YEAR		SECOND SEMESTER	Crs
	Crs			
CE 2a The Engineering Profession	0	CE 2b The Engineering Profession	0	
Math 20 Analytics & Calculus II	4	Math 21 Analytics & Calculus III	4	
Phys 3a General College Physics	3	Phys 3b General College Physics	3	
Phys 4a General College Physics Lab	2	Phys 4b General College Physics lab	2	
CE 16a Route Surveying	3	AM 3 Statics	3	
CE 5 Engineering Problems	1	Geol 12a Elementary Geology for Engineers	3	
CE 18 Mapping & Topographic Drawing	2	Mil S Military or Air Science	2	
Mil S Military or Air Science	2	Non-technical Elective	2	
	17		19	

SUMMER CAMP (4 weeks)- 5 credits

CE 15 General Surveying	3	CE 16b Route Surveying	2
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FIRST SEMESTER	JUNIOR YEAR		SECOND SEMESTER	Crs
	Crs			
CE 3a The Engineering Profession	0	CE 3b The Engineering Profession	0	
CE 171a Theory of Structures	3	CE 81 Testing Materials	1	
CE 120 Hydraulics	2	CE 171b Theory of Structures	3	
CE 123 Hydraulics Lab	1	CE 150 Water Supply & Sewerage	3	
AM 100 Strength of Materials	4	CE 107 Soil Mechanics	3	
Math 120 Mathematical Statistic	3	AM 4 Dynamics	2	
or				
or				
Math 35 * Differential Equations for Engr	2	CE 173a Steel Structures	3	
MetE 27 General Elementary Metallurgy	2	Non-technical Elective	3	
Non-technical Elective	3			
	17 or 18		18	

* Students interested in additional work in Structures should take Math 35. Those interested in Construction Management should take Math 120.

FIRST SEMESTER	SENIOR YEAR		SECOND SEMESTER	Crs
	Crs			
CE 4a The Engineering Profession	0	CE 4b The Engineering Profession	0	
CE 110a Reinforced Concrete	3	CE 23 Seminar	1	
EE 101 Fundamentals of Elec Machinery	3	EA 102 Engineering Administration	3	
CE 130 a Highway Engineering	3	Me 134 Elements of Engr Thermodynamics	3	
Non-technical Elective	3	AE 7a Building Construction	3	
Technical Electives	6 or 7	Non-technical Electives	6	
		Technical Elective	3	
	18 or 19		19	

Non-technical Electives are to be selected from the Humanities and Social Studies in other colleges of the University and must be approved by the Department Head. Technical Electives are to be approved by the Department Head and may be selected in specific fields such as structures, highways, sanitary engineering, or other planned objectives.

MINUTES OF THE UNIVERSITY FACULTY NOVEMBER 9, 1959

Dean Carpenter offered recommendations from the College of Commerce including certain course changes and one new course; also a revised curriculum in Industrial Administration. The University Faculty approved the recommendations.

Change:

Economics 125, Evolution of Economic Institutions, 3 credits to Economics 125, Economic Development, 3 credits.

A comparative study of economic progress in selected countries, growth patterns, theories of development and capital formation, interaction of social and economic change. Prerequisite: Econ. 52

Commerce 140, Problems in Advertising, 2 credits to Commerce 140, Advertising Management, 3 credits

A study of advertising from the point of view of marketing and advertising executives, problems in integrating advertising with marketing the advertising appropriation, and advertising campaigns. Prerequisite: Commerce 62

Economics 179, Collective Bargaining, from 2 to 3 credits.

ADD:

Commerce 195, Business Policy 3 credits

Analysis of management problems, formulation of alternative courses of action, determination of policy decisions. Open to Commerce seniors only.

Economics 257, Theory of Wages, 3 credits

A critical analysis of contemporary wage theories, trade-union wage policy, wage differentials, wage adjustment of technological change, and wages and employment. Prerequisite: Economics 52

INDUSTRIAL ADMINISTRATION CURRICULUM

<u>Freshman and Sophomore years</u>	<u>Sem.</u>	<u>Hrs.</u>
English 1a and 1b, English Composition		6
Mathematics 17, College Algebra (or Mathematics 5)		3
Psychology 1, Introduction to Psychology		4
Commerce 7a and 7b, Principles of Accounting		6
Mathematics 18, Plane Trigonometry		3
Mathematics 19, Analytics and Calculus		3
Chemistry, one year course with laboratory	8-10	
Physics, one year course with laboratory	8-10	
Engineering 1a, Engineering Drawing		2
Economics 51 and 52, Principles of Economics		6
Commerce 60, Principles of Marketing		3
English, Philosophy, Humanities	7-	3
Military or Air Science		8
Physical Education		2
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<u>Junior and Senior years</u>	<u>Sem.</u>	<u>Hrs.</u>
English 50, Composition for Technical Students		3
Economics 102, Labor Economics		3
Economics 105, Money and Banking		3
Economics 107, Statistical Method		3
Commerce 109a, Business Law		3
Commerce 117, Corporation Finance		3
Commerce 118, Cost Accounting		3
Economics 134, Advanced Economic History		3
Commerce 137, Industrial Management		3
Commerce 195, Business Policy		3
Selected upper division courses in Political Science, Philosophy, Psychology, Sociology		6
Four courses from the following:		12
Commerce 96a, Intermediate Accounting	3	
Economics 110, Business Cycles	3	
Commerce 141, Industrial Marketing	3	
Economics 155, Industrial Relations	3	
Commerce 171, Statistical Quality Control	3	
Commerce 172, Sampling Techniques	3	
Commerce 173, Automatic Data Processing	3	
Economics 179, Collective Bargaining	3	
Electives in Economics or Commerce		9
Electives in Engineering, Mathematics or Physical Sciences		16
		73
<u>Total semester hours:</u>		<u>142</u>

The Registrar requested the Faculty to approve his proposed schedule for pre-classification. After some discussion and amendment, the schedule was unanimously approved as follows: (1) All new students who entered in September, 1959, regardless of present classification or grade point average; (2) students who have an overall grade point average of 3.0 to 4.0; graduating seniors to be included in this group; (3) students with a grade point average of 2.5 to 2.99; (4) students with a grade point average of 2.0 to 2.49; (5) all other students, i. e., Law, Pharmacy, Graduate Students, and those with a grade point average below 2.0.

Professor J. E. Reeves asked the Faculty for further consideration of the problem of student dishonesty in classroom work and in related matters affecting classroom work. After some discussion Professor Reeves moved that the Rules Committee be asked to study and report to the Faculty with regard to:

1. Cheating and related offenses, with a view to making a proper distinction between cheating in the class room and more serious offenses that may be committed outside the class room but have a close connection with the work of the class room.

2. Proper communication between the University administration and

faculty members and academic departments in relation to any disciplinary problem where the faculty member or department may have an interest in or knowledge of the particular offense in question.

3. Disciplinary probation to determine the restrictions, if any, which should be applied to students who are placed on disciplinary probation.

The University Faculty approved the motion as amended.

The Faculty adjourned at 5:05 p. m.

Charles F. Elton
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Secretary