

MINUTES OF THE MEETING OF THE FACULTY SENATE OF THE UNIVERSITY OF ARIZONA

Room 101, Law Building, Monday, March 5, 1951

The Faculty Senate met in regular session at 3:40 p.m. on Monday, March 5, 1951, in Room 101 of the Law Building. President McCormick presided. Twenty-four members attended.

MINUTES OF FEBRUARY 5, APPROVAL OF: Secretary Leshner called the attention of the Senate to the following corrections in the Minutes of February 5:

Page 76, in the subheading, the date should be February 5, rather than January 5.

Page 79, second paragraph, should read Dr. Rhodes, rather than Dr. Barr.

Page 79, immediately after paragraph 2, add: "Dean Patrick moved, with a second by Dr. Garretson, that the Senate action of January 8 regarding the catalog listing of the Committee on Faculty Grievances and the Committee on Committees be reconsidered. This motion was adopted."

With these corrections, the Minutes were approved as submitted.

COMMITTEE ON BY-LAWS, REPORT FROM: Dr. Neal Houghton presented a report from the Senate Committee on By-Laws as follows:

"In accord with a request from the Committee of Eleven, your Committee recommends consideration of: (1) amendment to the Faculty Constitution to limit eligibility of members of the Committee of Eleven to three terms consecutively, and (2) a new by-law in harmony with this proposed amendment and a previous Senate interpretation of the Faculty Constitution, III, A, 6 (Senate Minutes for Nov. 2, 1950, p. 10).

(1) Proposal to amend the Faculty Constitution by adding V, C

No member of the Committee of Eleven shall be eligible to serve more than three terms consecutively.

(2) Proposal to add By-Law 15

Service of not more than half a regular unexpired term in the Senate or in the Committee of Eleven shall not affect eligibility to serve subsequently the limited number of terms consecutively, as specified by the Faculty Constitution, III, A, 6 and V, C, respectively.

(Adoption of this By-Law should be contingent upon adoption of the proposed amendment to the Constitution)

"Your Committee calls attention also to a typographical error in the text of By-Law 4, as it appears in the latest compilation of the By-Laws. Specific reference to the Faculty Constitution should read III, A, 6.

Respectfully submitted.

Committee

E. F. Carpenter

Harry Krumlauf

N. D. Houghton "

Dr. Schneck moved adoption of Part I. The motion was seconded by Dr. Hudson, and carried.

Dr. Houghton stated that he had discovered from the Senate Minutes that in November the Senate adopted an interpretation to the effect that serving of not more than half of an unexpired Senate term did not affect eligibility to serve two consecutive terms. He explained that the same principle was involved in Part II of the proposal. The Committee had simply sought to put in the same principle with respect to both the Committee of Eleven and the Senate. However, he added, since Part II would be contingent on the adoption of Proposal (1), it had occurred to him that it might be better to adopt the principle in general, not just regarding the Senate and the Committee of Eleven. He presented a substitute for Proposal (2) that:

In the case of any office for which eligibility is restricted by the Faculty Constitution to a limited number of terms consecutively, service of not more than half an unexpired regular term shall not affect eligibility to serve subsequently the specified number of terms consecutively.

Mr. Leshar moved, with a second by Dean Brown, that the substitute proposal be adopted, and the motion carried.

President McCormick pointed out that the proposal to amend the Faculty Constitution must be published to the faculty and a general faculty meeting called within 20 days after publication for discussion on the amendment.

Dr. Houghton called attention also to the typographical error in the text of By-Law 4, as it appears in the latest compilation of the By-Laws. The Secretary stated that this change would be made in the record and notice sent to the Faculty.

CATALOG MATERIAL, ACCEPTANCE OF: Secretary Leshar submitted the following items of catalog material for approval directly without going through the Advisory Council, in addition to the published pages:

1. Page 164. Immediately after the section "Final Examinations" insert the following paragraph:

Special requirements for the degree (in the Department of Zoology) of Master of Science with a major in wildlife management. Candidates for this degree will be required to spend a minimum of one year on a field problem and one year on course work and the preparation of a thesis. The program of studies shall include at least 15 units of research work for the thesis and at least 15 units of course work.

2. Page 250. Psychology 111. Change fee to \$2.00 (was \$1.00)
Psychology 125a-125b. Change fee to \$5.00 each semester (was \$3.00)
Psychology 150. Change fee to \$5.00 (was \$3.00)
Psychology 152 (new course) Fee \$3.00

Mr. Leshar moved acceptance of all the catalog material. Dr. Garretson seconded the motion, which was carried.

Dr. Rhodes pointed out that on page 85 a course in chemistry had been designated by the old number 103b, which should have been changed to the new number 140b. He also remarked that he had noticed that several departments which require

completion of Chemistry 1b or 2b had not mentioned that Chemistry 5 would also fulfil requirements. He wondered whether the departments were specifically discriminating against Chemistry 5 or whether this had been an oversight. The Chemistry Department, he stated, feels that Chemistry 5 serves as well as 1b or 2b for a prerequisite for advanced work and that, if a student is capable of taking Chemistry 5, it is to his advantage. Two specific instances, he showed the Senate, are in the curricula for Wildlife Management and Pharmacy.

Dean Bang reported that the omission of Chemistry 5 was just an oversight on the part of his College and that he would check with requirements of the Association of Colleges of Pharmacy and call Dr. Rhodes.

President McCormick asked Dr. Rhodes to find out from Dr. Caldwell whether or not the Zoology Department wished to omit Chemistry 5 from its program and to let the Office of the Registrar know the results.

NOTE: Dr. Rhodes later reported to the Registrar that Dr. Caldwell preferred not to list Chemistry 5 in the Wildlife Management curriculum.

HONORARY DEGREE FOR JAMES BAIRD, RECOMMENDATION FOR: Mr. Leshar read a recommendation for an honorary degree for Mr. James Baird from the College of Engineering as follows:

"The Civil Engineering Department and the faculty of the Engineering College hereby recommend to the general faculty, to the President, and to the Board of Regents of the University of Arizona, that:

"There be conferred upon James Baird at the commencement exercises on May 30, 1951, the honorary degree Doctor of Engineering, in recognition of his distinguished success as civil engineer, contractor, and builder, and of his outstanding service as business executive and philanthropist.

"Mr. Baird obtained his formal education at the University of Michigan, receiving the Bachelor of Engineering degree in 1896. He then entered the construction field where his talents were recognized by the George A. Fuller Company. He served this well known firm as engineer, and rose to its presidency in 1922. The Lincoln Memorial, in Washington, D.C., and the Arlington Memorial Amphitheatre were constructed under his personal supervision.

"Mr. Baird was active in other business affairs, and served as President of the U. S. Realty and Improvement Company, and Vice President of the Plaza Hotel operating Company, Trinidad Building Corporation, and the Copley-Plaza Hotel Company, Boston, Massachusetts.

"He formed his own company, the James Baird Company, Inc., in 1925, and entered the engineering field in the design and construction of bridges and other structures. A memorandum is appended, listing 50 of these structures.

"As a philanthropist, he presented the James Baird State Park to Dutchess County, N. Y., and buildings to the University of Michigan. He came to Tucson in 1936, as a winter visitor, and later made it his home.

"Mr. Baird has taken an active part in local affairs.* Some of his interests have been in education, and he established numerous scholarships at the University of Arizona for worthy Arizona high school graduates.* He was one of the organizers of the Tucson Cancer Clinic, Inc., and he served as vice president and director.

* As revised: "...local affairs and was one of the organizers of the Tucson Cancer Clinic, Inc., which he served...."

"In appreciation of the distinguished attainments as civil engineer, contractor and builder, and business executive, as well as his achievements as a philanthropist, the faculty of the College of Engineering at the University of Arizona is happy to recommend the award of this honorary degree."

The Registrar stated that the Advisory Council had voiced no objection but had asked that the statement be reviewed with respect to the mention of Mr. Baird's philanthropies concerning the University of Arizona. The above presumably is the final draft of the statement. However, Mr. Leshner felt that it would be just as strong, if not stronger, without any reference to Mr. Baird's gifts to the University of Arizona.

President McCormick agreed with Mr. Leshner that such an omission would be wise. He added that another honorary degree (one in Anthropology) was under consideration in the College of Liberal Arts.

Dean Garretson moved, with a second by Dean Harvill, that the Faculty Senate recommend the honorary degree of Doctor of Engineering for Mr. James Baird to the General Faculty.

Dr. Schneck voiced the opinion that reference to Mr. Baird's philanthropies other than those connected with the University of Arizona should not be omitted, and Dr. McCormick agreed that only mention of the Baird Scholarships should be deleted.

The motion was adopted.

MILITARY SCIENCE, REQUEST FOR ADDITIONAL CREDIT FOR: Mr. Leshner presented the following request from Colonel Donaldson for additional credit for Military Science:

"Dear Mr. Leshner:

At the suggestion of Dr. J. Byron McCormick, President of the University of Arizona, I am submitting a recommendation to be considered and acted upon by the Faculty Senate.

1. The recommendation has been previously made to the Advisory Council that degree credit for students enrolled in the Reserve Officers Training Corps be increased as follows:

a. Upon satisfactory completion of their freshmen year (1st year basic training course) - 4 units (2 units per semester) - (at the present time only 2 units are allowed).

b. Upon satisfactory completion of sophomore year (2nd year basic course) - 4 units (2 units per semester) - (at the present time only 2 units are allowed).

c. Upon satisfactory completion of the junior year (1st year advanced training) - 8 units - (4 units per semester) - (at the present time only 6 units are allowed).

d. Upon satisfactory completion of the senior year (2nd year advanced training) - 8 units - (4 units per semester) - (at the present time only 6 units are allowed).

2. The Basic Courses 1a & b (Freshman); 2a & b (Sophomore) Armor and Air comprise 90 hours of instruction respectively and include the following subjects:

COMMON TO ALL BRANCHES - Military Science 1a & b (first year) (90 hours)
Subjects: Leadership, drill and exercise of command; military organization; military policy of the United States, National Defense Act & ROTC; Evolution of Warfare; Maps and aerial photos; Military psychology and personnel management; First aid and hygiene; Geographical foundations of national power; Military problems of the United States; Military mobilization and demobilization.

ARMOR - Military Science 2a & b (second year) (90 hours) Subjects: Leadership, drill and exercise of command; Basic communications; Basic motors; History and missions of armored cavalry; Mechanical training with tank weapons; Scouting and patrolling; Weapons.

AIR - Air Science 2a & b (second year) (90 hours) Subjects: Leadership, drill and exercise of command; Orientation; Aerodynamics and Propulsion; Weather and Navigation; Applied air power; Administration and supply; (Introduction to Air Force supply and administration; Air Force Publications; Military correspondence; Pay and allowances; Organization records); Maintenance Engineering (Introduction to Aircraft maintenance; The maintenance mission; Reciprocating engines; Jet propulsion engines; Compound engines).

3. The Advanced Course, 103a & b (Juniors), 104a & b (Seniors) consists of 4 hours per week of classroom work and 1 hour of Practical exercise in Leadership and Command. These courses include 150 hours of instruction respectively in the following subjects:

ARMOR - Military Science 103a & b (third year) (150 hours) Subjects: Leadership, drill and exercise of command; Communications; Gunnery; Motors; Organization; Tactics; Tank driving; Troop leading.

AIR - Air Science 103a & b (third year) (150 hours) Subjects: Aircraft Maintenance Engineering (Leadership, drill and exercise of command; Orientation; Logistics; Air operations; Psychology of leadership; Aircraft maintenance engineering; Introduction to Aircraft maintenance II; The Maintenance mission; Reciprocating engines; Jet propulsion engines; Technical publications; AF maintenance and inspection procedures; Fuel and fuel systems; Oil systems; Electricity; Propellers; Structures and component parts; Hydraulic and pneumatic systems; Instruments; Miscellaneous systems; PAS&T time; Examinations); Air Administration and Supply (Leadership, drill and exercise of command; Orientation; Logistics; Air Operations; Publications; Psychology of leadership; Pay and allowances; Military correspondence; Administration and supply (Introduction; Individual records) Base administrations (Non-Appropriated funds; Special administration responsibilities; Transportation; Supply); PAS&T time; Examinations.

ARMOR - Military Science 104a & b (fourth year) (150 hours) Subjects: Leadership, drill and exercise of command; Military administration; Military law and boards; Military teaching methods; Psychological warfare; Combat intelligence; Communications; Gunnery; Motors; New developments; Supply and evacuation; Tactics; Tank driving; Geographical Foundations of a Nation and Power.

AIR - Air science 104a & b (fourth year) (150 hours) Subjects: Aircraft Maintenance Engineering (Leadership, drill and exercise of command; Military administration; Military teaching methods; Air Force management; Aircraft maintenance engineering; Introduction to aircraft maintenance III; Technical publications; Air Force supply; Organization maintenance; Field maintenance; Reciprocating engines; Jet propulsion engines; Fuel and fuel systems; Oil systems; Electricity; Propellers; Structures and Component parts; Instruments; Engine operation and conditioning; Cruise control; Test flight; Ground service equipment; The inspector: PAS&T time; Examinations). Air Administration and Supply (Leadership, drill and exercise of command; Military administration;

Military teaching methods; Air Force management; Administration and supply (Introduction; Staff organization; Administrative staff functions; Supply staff functions; Individual records; Base administrations; Non-Appropriated Funds; Special administration responsibilities; Transportation; Supply; PAS&T time; Examinations).

4. The University policy of allotting academic credits on the basis of hours expended, as outlined in the University Biennial Catalogue of 1949 - 50 - 51, page 59, under Degree Credits, the "Unit system" is given as follows: "Credit toward degrees is given by means of a unit system which assigns to each course of instruction offered a certain number of units or credits. A unit usually represents 1 hour of classroom work a week for a semester and assumes 3 hours of application; it may stand for 1 hour of classroom work and 2 hours of preparation or for 3 hours of laboratory work or for such distribution as the particular course may demand."

Under the provisions of the above it is felt that students taking military science courses have not been given sufficient credit to which they are entitled. Surveys conducted in this Department of study time and application required and using the formula above credits should be awarded as requested in par la, b, c, d, above.

5. Favorable action on the proposed increases, as outlined above will have the advantage that the Military Department will be placed on a comparable level with other academic departments as contemplated by the Department of the Army in establishing and maintaining military training at this University.

6. For your information a survey of credits allowed at various Universities and Colleges throughout the United States is attached.

7. It will be greatly appreciated if you will advise me of the action taken concerning this matter.

Sincerely yours,

/s/

T. Q. DONALDSON, Jr.,
Colonel, Armor,
P. M. S. & T. "

Dr. McComick pointed out that the request was not new; in fact, it had been submitted to the Advisory Council several times previously. He briefly reviewed past action on the matter and pointed out that the giving of additional credit for military science would present difficulties, especially in the Colleges of Engineering and Mines, where little or no more elective credit is available and graduation requirements would be raised. The request was being presented directly to the Senate, to expedite consideration of catalog material.

Mr. Leshar read a letter from the Coordinating Committee of May 3, 1950, recommending that no additional credit be granted for military science at that time. The Committee suggested that the matter might well be taken up by the administrative officers of the university with such a group as the Association of Land Grant Colleges and Universities so that some uniform solution might be found. The Committee's report showed that a number of other state institutions awarded the same amount of credit in military science as given by the University of Arizona.

The Secretary then quoted from a report compiled by Clement French, Vice-President of Virginia Polytechnic Institute concerning practices among the various institutions offering military science. The report indicated that the University of Arizona agrees with many other institutions with regard to the amount of credit granted for military science.

Reference was also made to a comprehensive report of practices in other institutions submitted last year by the Department of Military Science and Tactics and also referred to the Coordinating Committee. This report indicated that the amount of credit allowed by the University agreed with practice obtaining in many other state universities.

Dean Chapman told the Senate that the College of Mines had recently been forced to raise its graduation requirement from 140 to 143 units. If extra credit in military science is given, he stated, the College of Mines would have to require 147 units for graduation. The other engineering college has not changed its graduation requirement from 140 semester hours, and Dean Chapman felt that the discrepancy of 7 hours in the graduation requirements of the two engineering colleges would put the Mines College at a definite disadvantage. If however, the College of Engineering would, in the event of an increase in military credit, raise its graduation requirement to 144 hours, Dean Chapman said his College would not oppose the increase.

In reply to a question by the President, the Dean stated that there were no electives in the mining option. Dr. McCormick then pointed out that any student not taking military science would be penalized by having to take more work for his degree.

Registrar Leshner suggested that the War Department might well consider the proper evaluation of work in basic military courses by properly recognizing the satisfactory completion of such work on the part of students called to Army service. During the recent war many University students who had completed two years of basic training found that this was of no value to them in so far as elementary training was concerned and offered no special opportunity for appointment to non-commissioned rank.

President McCormick recalled, on the other hand, that of the 4600 former students who served in the armed forces there were more with the rank of captain or above than with the rank of private.

Dr. Schneck moved that the request be denied. Dr. Rhodes seconded the motion. On vote of the Senate, the request from the Military Department for an increase of credit in military science was denied.

GRADE DISTRIBUTION KEY, REPORT OF COMMITTEE ON: Dr. Ewing submitted the following report of the Committee on Grade Distribution Key:

"The Committee on Grade Distribution Key met on Friday, February 16, 1951, at 2:40 p.m. After considerable discussion as to the advisability of submitting to all faculty members the key to the report of the Committee on Grades and Grades Distribution, the following recommendations were passed for the consideration of the Faculty Senate:

"1. That neither the key nor the report be distributed to faculty members, provided that the Administration take adequate steps to bring about greater uniformity in the grading system.

"2. That the full key be released to the President and to the Vice-President.

C. H. Brown
F. A. Conrad
A. Schulman
D. L. Webb
R. C. Ewing, Chairman"

Dr. Ewing moved acceptance of point 1. The motion lost for want of a second.

He then moved acceptance of point 2. The motion was seconded by Dr. Schneck.

Dr. Kelso asked whether the President and Vice-President would, at their discretion be able to furnish the report to faculty members. Dr. McCormick replied that he felt they couldn't resort to such subterfuge, but that it seemed to him that very tactfully the two members of the administration might discuss the matter of grading without mentioning departments. He felt some good might be done in this way.

Dr. Kelso suggested that the phrase "provided that the Administration take adequate steps to bring about greater uniformity in the grading system" be deleted and that the revised proposal 1 be presented with proposal 2.

Dr. Ewing and Dr. Schneck accepted this revision.

Dr. Barnes argued in favor of giving full publicity to the Grade Distribution Key, feeling that this would have a salutary effect throughout the University.

Dr. Solve also favored distribution of the key to the faculty and believed that the Senate should not feel reluctance in making this type of information available. If the grade distribution offers opportunity for criticism in some departments, this in itself should not be a deterrent to giving proper information to the faculty.

The same position was supported by Professor Howard, who stated that general information regarding grade distributions was ordinarily available, particularly through fraternities and sororities who keep check lists of the so-called "snap" courses.

Professor Herrick stated that there was already a precedent for giving information of this sort to the faculty, since a similar report had been published a number of years ago (possibly in 1928).

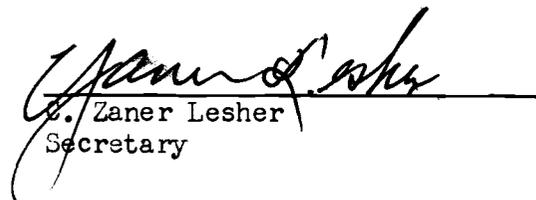
In reply to a question by Dean Patrick, Dr. Ewing stated that his committee had felt it best to restrict distribution to the President and Vice-President because to make the key generally available to members of the faculty might result in discord.

President McCormick commented that wide distribution of the key would doubtless result in unfavorable publicity.

The question being called for, the Senate voted to adopt proposals 1 and 2 as revised. The proposals as adopted read as follows:

1. That neither the key nor the report be distributed to faculty members.
2. That the full key be released to the President and to the Vice-President.

The meeting was adjourned at 5:00 p.m.


G. Zaner Lesher
Secretary