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Fort Hays State University Faculty Senate Minutes, December 10, 1963

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Discussed: Application for course, 90 Methods of teaching Secondary social Studies -- Social Science Division **Decided to study the problem in greater detail-- set aside for the present. *Pres. Office - Dec 12*

RECOMMENDATION: Approved applications for History courses. 146 The Renaissance, 147. The Reformation, 148 The Age of Absolutism, 149 History of Spain.

RECOMMENDATION: (Ed. and Psy.) Approved courses, 154 Individual Intelligence Testing (Mathematics) 341 Operational Calculus, 310. Elementary Topology 360 Advanced Calculus II. (Health, PE&R) 190. Physiology of Exercise

Committee to study Gen. Ed. Program - Dr. Staven, Mr. Marcus, Dr. Pierson, and Dr. Sackett.

Minutes of the meeting of the Faculty Senate, Tuesday, December 10 at 4:00 p.m. in the Office of the Dean of the Faculty.

Members present: Dr. Bartholomew, Mr. Berland, Dr. Falls, Mr. Marcus, Dr. Pierson, Miss Rowlands, Dr. Sackett, Mr. Spomer, Dr. Staven, Miss Veed, Mr. Dalton, and Dr. Garwood, Chairman.

Members absent: Mrs. Hellem, Dr. Coder.

Others present: Dr. Craine, Dr. Dick, and Mr. Tolson.

The chairman, Dr. Garwood, called the meeting to order for the transaction of business.

Dr. Garwood said that the main order of business was the presentation of applications for new courses from several areas. Copies of the applications were handed out to the members.

Social Science Courses. The course descriptions follow:

90. Methods of Teaching Secondary Social Studies. 1 cr. hr. Prerequisite, majors. This is a course dealing with the methods of teaching history, sociology, political science, and geography at the high school level.

~~was the first one presented~~. This course is intended for the student who is in the "block" courses and has released time from the participating school to meet with the instructor in the subject field in order to ask questions regarding the teaching of the subject matter. Dr. Craine was asked to explain the course. Dr. Craine said that at present these students are not scheduled at a specific time and it is difficult to get in touch with them. The intention of this course is to schedule this time in the Schedule of Classes in order to enroll the students and they will be expected to meet at this time. The course will meet once a week and give one cr. hr. At present the instructor in charge of this time attempts to meet the students, and with 10 to 12 students, it is a problem to arrange time.

This was discussed. It was suggested that all the areas have trouble about the released time. It is a problem to meet with the students, particularly if they are in schools quite a distance from Hays. Some of them do not come back to the campus for the entire time.

After further discussion, Dr. Garwood asked if the Senate would like to defer action on this course. It might be held until we have the opportunity to study the problem in greater detail. It was agreed that it might be set aside with the intention of action later.

History. The applications for the following four courses were presented next:

146. The Renaissance. 3 cr. hrs. Prerequisite, 4. A detailed study of the political, social, economic, and cultural developments of Europe, 1272 to 1530.
147. The Reformation. 3 cr. hrs. Prerequisite, 4. An analysis of the forces leading to the religious upheaval in the 16th century and the spread of Protestantism in Northern European countries; the Catholic Reformation; and the relation of the Reformation Era to medieval and modern civilization.
148. The Age of Absolutism. 3 cr. hrs. Prerequisite, 4. A study of the new great powers and the beginning of power politics: wars and methods of warfare and their influence on society: economic life and progress in the mercantile age: intellect from Descartes to Rousseau: the "Old Regime."
149. History of Spain. 3 cr. hrs. Prerequisite, 4. A study of the political, social, and economic developments in Spain from Roman times to the present.

Dr. Craine explained that in order to print these courses in the graduate bulletin, which is being printed this year, they thought it best to ask for approval at this time. He said that there is no overlapping of courses and that the two courses, 148 and 149, are also requested by the language (Spanish and German) instructors. The prerequisite of course 4 was discussed.

The History area is requesting the addition of these four courses for a total of 12 credit hours and they will drop from their course offerings, courses numbered 7, 8, 30 and 31, for a total of 10 credit hours.

RECOMMENDATION: Dr. Sackett recommended that the courses, numbered 146, 147, 148 and 149, each for 3 cr. hrs. be approved. Seconded and carried.

Education and Psychology. The Senate considered the application for the course, Individual Intelligence Testing, 254 for 3 cr. hrs. The catalog description follows:

254. Individual Intelligence Testing. 3 cr. hrs. Prerequisite, Psychology 171. Group Administered Tests or Education 341. Tests and Measurements, or equivalent and permission. Practice and administration, scoring, and interpretation of the Stanford-Binet, Wechsler Intelligence Scale for Children, and the Wechsler Adult Intelligence Scale. Emphasis on report writing and theory of intelligence testing.

Dr. Dick explained that this course combines the material in the two courses Psychology 252 and 257, which gave a total of four cr. hrs. He said that this is

more of a lab. course than the 252 and 257 were and there is more need in the psychology area offerings for this type of course.

RECOMMENDATION: Mr. Spomer recommended that the course 254, Individual Intelligence Testing, 3 cr. hrs. be approved. Seconded and carried.

Mathematics. Applications for three courses from the Mathematics area were considered next. The catalog descriptions of the courses are as follows:

341. Operational Calculus. 3 cr. hrs. An introduction to Laplace Transform Methods with applications to electrical and physical problems. Emphasis will be placed on boundary value problems in partial differential equations.
360. Advanced Calculus II. 3 cr. hrs. Infinite series including tests for convergence, uniform convergence, summability and term by term differentiation and integration; a study of improper integrals; Gamma and Beta functions, Fourier series, implicit functions.
310. Elementary Topology. 3 cr. hrs. Elements of set theory, properties of the real number system, basic topological concepts, mappings, connectedness, metrizable spaces and curves.

Mr. Toalson explained that the course 341 is to introduce some of the classical problems of engineering and physics which involve differential equations. Any graduate student should have a working knowledge of this material. The subject matter of this course is not treated in any of the present courses.

Mr. Toalson explained that course 360 is a continuation of Advanced Calculus and is a replacement for course 170, Series. The level of presentation will be raised to a graduate level and will provide a course more suitable for graduate study. The Elementary Topology course is needed to provide the student with basic topological concepts. Topology is one of the most active fields of mathematical research and graduate students should have familiarity with the subject. These three courses are needed to provide a stronger offering for graduate students.

These courses were discussed.

RECOMMENDATION: Dr. Pierson recommended that the three courses, 341. Operational Calculus, 3 cr. hrs., 360. Advanced Calculus II, 3 cr. hrs., 310. Elementary Topology, 3 cr. hrs. be approved. Seconded and carried.

Health, Physical Education and Recreation. Application for the course, Physiology of Exercise 190, 3 cr. hrs. was requested by the Health, Physical Education and Recreation as follows:

190. Physiology of Exercise. 3 cr. hrs. Prerequisite, Zool. 43. An introduction to the physiology of the skeletal, muscular, respiratory, nervous and circulatory systems with special

reference to their adjustments during exercise. A study is also made of age, sex, environment, and training in relation to exercise. Basic concepts of exercise for the handicapped are also discussed.

Dr. Falls explained that they have no requirement in physiology in the division at present and think that there is a need for this type of course. It will be required of all undergraduates for a degree.

RECOMMENDATION: Mr. Spomer recommended that the course, 190 Physiology of Exercise, be approved. Seconded and carried.

Dr. Garwood said that the Senate would meet next week and that the order of business would be applications for new courses.

Dr. Staven, Chairman, Mr. Marcus, Dr. Pierson, and Dr. Sackett were appointed by Dr. Garwood to serve on the committee to study the entire general education program and they were asked to meet just after this meeting adjourns.

The meeting adjourned at 5:00 p.m.

John D. Garwood, Chairman

S. V. Dalton, Secretary

Florence Bodmer, Recorder