TO: FULL-SERVICE FACULTY, ADMINISTRATORS, AND STUDENT GOVERNMENT

FROM: Susan Mason, Secretary of the Senate

RE: SENATE MEETING
March 5, 1980, Schwebel Auditorium
4:00 p.m.

February 21, 1980

AGENDA

1. Call to Order

2. Approval of Minutes of February 6, 1980

3. Report of Charter and ByLaws Committee

4. Report of the Executive Committee

5. Report of the Elections and Balloting Committee

6. Reports of Other Senate Committees

Academic Affairs Committee

7980-9	Request to change name of Materials Program to Metallurical Engineering Program in Dept. of Chemical Engineering & Materials Science: Motion anticipated
7980-10	Request approval of an additional Military Science course, which can fulfill requirement for a P.E. activity course: Motion anticipated

University Curriculum Committee

7980-11	Course proposals. To approve Education courses: 80-155; 80-156; 80-157; 80-161; 80-162; 80-163; 80-164; 80-166. Possible motion.
7980-12	Motion to adopt a new policy on crosslisting: Motion anticipated

University Senate
Agenda, March 5, 1980 (continued)

Reports of Other Senate Committees (continued)

Ad hoc Committee on Early Quarter System
7980-13 — Report of committee findings
No motion anticipated

7. Unfinished Business

8. New Business

9. Adjournment

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE

Date 2-21-80 Report Number (For Senate Use Only) 7/80-9

Name of Committee Submitting Report Academic Affairs Committee

Committee Status: (elected chartered, appointed chartered, ad hoc, etc.)

Appointed chartered

Names of Committee members: V.P. Edgar, Drs. Hill, Kougl, Richley, Baldino, Hovey, Hahn, Khawaja, Munro, Scriven, and student representatives.

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) Request to change name of the Materials Program to Metallurgical Engineering Program in the Department of Chemical Engineering and Materials Science.

Do you anticipate making a formal motion relative to the report? Yes

If so, state the motion: That the name of the Materials Program be changed to Metallurgical Engineering Program in the Department of Chemical Engineering and Materials Science.

If there are substantive changes made from the floor in your committee recommendation, would the committee prefer that the matter be sent back to committee for further consideration? Decide at Senate meeting.

Other relevant data:

2/21/80 pmc

Chairman (please initial)

YOUNGSTOWN STATE UNIVERSITY

INTER-OFFICE CORRESPONDENCE

TO Dr. Louis Hill, Chairman
Academic Affairs Committee

DATE Nov. 21, 1979

FROM Dr. T. K. Slawecki, Chairman, Chemical Engineering and Materials Science Department

SUBJECT Name Change of Materials Program to Metallurgical Engineering Program

The preliminary report of the ECPD visiting team dated February, 1978, states as follows: "Non-metallic materials receive limited attention. Courses on polymers, ceramics and glasses are electives so that a student can go through the program without electing these. Therefore, the program is basically metallurgical engineering, and the Materials Science option should be dropped, in recognition of the actual structure of the program."

In view of the above statement of the ECPD visiting team and upon the recommendation of the department faculty, I am requesting that the name of the program be changed from Materials Science to Metallurgical Engineering. This change will require dropping from the undergraduate catalog Option B: Materials Science and retaining Option A: Metallurgical Engineering. In addition, all the references to Materials Science Option or any other options and materials science designations will be dropped from the catalog and substituted with metallurgical engineering.

T. K. Slawecki

TKS/dlw

attachment

cc: Dr. E.E. Edgar, Vice President, Academic Affairs
Dr. G.E. Sutton, Dean, School of Engineering

Chemical Engineering and Materials Science

Curriculum for the Degree of Bachelor of
* Engineering with the Major in Materials Science

** The section offers two options:

** a. Metallurgical Engineering
** b. Materials Science

FIRST YEAR	Hrs.
Engineering 581	2
Chemistry 515, 515L, 516, 516L General Chemistry	8
ChE 681R Industrial Stoichiometry	4
Mathematics 571, 572, 673 Calculus	14
Physics 510, 610 General Physics	8
English 550, 551 Basic Composition	8
Health and Physical Education, Health	3
Health and Physical Education, Activity	1
	48

SECOND YEAR	Hrs.
Mathematics 674 Calculus	4
Mathematics 705 Differential Equations	4
Physics 611 General Physics	4
*** MatSci 601R, 602R, 603R Introduction to Materials Science	12
MatSci 614, 615 Structure and Properties of Materials	4
CE 601 Mechanics I	4
ChE 771 Thermodynamics	4
IE 642 Engineering Computations	4
Soc. 769 Man and the Technological Society	4
Liberal Arts Electives	7
	51

THIRD YEAR	Hrs.
MatSci 740 Mechanical Working of Materials	2
MatSci 741 Evaluation of Materials	4
MatSci 791, 792, 793 Physical Metallurgy	3
MatSci 663 Thermodynamics of Materials	3
CE 602 Mechanics II	4
ChE 785, 786 Transport Phenomena	8
MatSci Options Electives	6
Technical Elective	4
Liberal Arts Electives	9
	52

FOURTH YEAR	Hrs.
MatSci 730, 731, 732 Metallography, Heat Treatment and Pyrometry	6
MatSci 820, 821 Extractive Metallurgy	8
MatSci 860 Mech. Behavior of Materials	3
MatSci 861 Applied X-Rays	3
MatSci 891, 892, 893 Thesis	6
EE 714R Circuits and Electronics	4
MatSci General Electives	6
MatSci Options Elective	3
Health and Physical Education, Activities	2
Technical Elective	4
Liberal Arts Elective	4
	49

NOTE A: The student may substitute a minimum of eight quarter hours of Materials Science electives for MatSci 891-892-893

ELECTIVES

** I. General

The student may choose six or more hours from the courses listed below

MatSci 783M Ferrous and Non-Ferrous Alloys	3
MatSci 784 Crystalline Solids	3
MatSci 862 Applied X-Rays II	3
MatSci 864 Thermodynamics of Solids II	3
MatSci 865 Advanced Science of Materials	3
MatSci 866 Special Topics	3

** II. MatSci Options

** The student must choose at least nine hours in one
** of the following options:

** Option A: Metallurgical Engineering

MatSci 780 Casting, Welding, Solidification	3
Mat Sci 781 Powder Metallurgy	3
MatSci 783M Ferrous and Non-Ferrous Alloys	3
MatSci 871 Physical Metallurgy IV	3
MatSci 872 Refractory Metals and Alloys	3

** Option B: Materials Science

MatSci 782 Phase Diagrams	3
Mat Sci 851 Intro. to Poly Sci	3
MatSci 852 Adv. Engr. Matl. I	3
MatSci 853 Adv. Engr. Matl. II	3
MatSci 854 Engr. Matl. III	3

* Change Materials Science to Metallurgical Engineering.
** Omit from catalog.
*** Change all course designations from MatSci to MetE.

Curriculum for the Degree of Bachelor of Engineering with the Major in Metallurgical Engineering

FIRST YEAR

	Hrs.
Engineering 581	2
Chemistry 515,515L,516,516L General Chemistry	8
ChE 681R Industrial Stoichiometry	4
Mathematics 571,572,673 Calculus	14
Physics 510,610 General Physics	8
English 550,551 Basic Composition	8
Health and Physical Education, Health	3
Health and Physical Education, Activity	1
	48

SECOND YEAR

	Hrs.
Mathematics 674 Calculus	4
Mathematics 705 Differential Equations	4
Physics 611 General Physics	4
MetE 601R,602R,603R Introduction to Materials Science	12
MetE 614,615 Structure and Properties of Materials	4
CE 601 Mechanics I	4
ChE 771 Thermodynamics	4
IE 642 Engineering Computations	4
Soc. 789 Man and the Technological Society	4
Liberal Arts Electives	7
	51

THIRD YEAR

	Hrs.
MetE 740 Mechanical Working of Materials	2
MetE 741 Evaluation of Materials	4
MetE 791,792,793 Physical Metallurgy	3
MetE 863 Thermodynamics of Materials	3
CE 602 Mechanics II	4
ChE 785,786 Transport Phenomena	8
MetE Electives	6
Technical Elective	4
Liberal Arts Electives	9
	52

FOURTH YEAR

	Hrs.
MetE 730,731,732 Metallography, Heat Treatment and Pyrometry	6
MetE 820,821 Extractive Metallurgy	8
MetE 860 Mech. Behavior of Materials	3
MetE 861 Applied X-Rays	3
MetE 891,892,893 Thesis	6
EE 714R Circuits and Electronics	4
MetE Electives	9
Health and Physical Education, Activities	2
Technical Elective	4
Liberal Arts Elective	4
	49

Note A: The student may substitute a minimum of eight quarter hours of Metallurgical Engineering electives for MetE 891-892-893

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE

Date 2-21-80 Report Number (For Senate Use Only) 7980-10

Name of Committee Submitting Report Academic Affairs Committee

Committee Status: (elected chartered, appointed chartered, ad hoc, etc.)

Appointed chartered

Names of Committee members: V.P. Edgar, Drs. Hill, Kougl, Richley, Baldino, Hovey, Hahn, Khawaja, Munro, Scriven, and student representatives.

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) Request approval of an additional Military Science course, which can fulfill the requirement for a Physical Education Activity course.

Do you anticipate making a formal motion relative to the report? Yes

If so, state the motion: That MS 615 fulfill the requirement for a Physical Education Activity course.

If there are substantive changes made from the floor in your committee recommendation, would the committee prefer that the matter be sent back to committee for further consideration? Decide at the Senate meeting.

Other relevant data:

Chairman (please initial)

YOUNGSTOWN STATE UNIVERSITY

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INTER-OFFICE CORRESPONDENCE

TO Curriculum Committee, Arts and Sciences DATE 5 October 1979

FROM Military Science Department

SUBJECT Curriculum Change

1. In the spring of 1979 a total revision of the Military Science curriculum was approved by the various review committees and the YSU Senate. This top-to-bottom revision was designed to align the course offerings with the changing environment of ROTC on campus and to eliminate courses that were not contributing to the enrollment and retention of freshmen and sophomores in the ROTC program....the voluntary, no-obligation portion.

2. Based on Fall 1979 data, the approved curriculum appears to be providing the expected impetus to student enrollment. If this trend can be sustained for an entire academic year, the traditional problem of unacceptable course-to-course transition will be overcome. In short, our collective efforts of last spring were productive.

3. However, an analysis of our current enrollment coupled with the performance of our cadets at summer camp indicate the need for one additional course to flesh out our offerings.

a. Military Science 610, Individual Weapons and Marksmanship (1 g.h.), has proven to be an extremely popular course, outdrawing our traditional entry course, MS 510, for students who have not previously taken courses with this department. While this is good and presents no current problem, it does present a retention problem in the Fall Quarter of subsequent years when the introductory course is the only lower division offering available to returning sophomores. After 2 or 3 quarters of Military Science courses, the student would find MS 510 categorically unattractive. Thus, the course-to-course transition/retention sought would be terminated. Consequently a course must be available that is attractive and meets a department teaching objective. The proposed course in free style orienteering meets this objective, for orienteering is growing nationwide as a sport in all segments of the population but especially on the college campus. It has long been a part of the ROTC program at the summer camps and on many campuses with regional and national meets. All Active Army members of this department have the necessary background and expertise to develop and teach the course. As a competitive sport, orienteering combines map and compass skills, self-confidence, discipline, and physical conditioning. It is a natural for college students and certainly qualifies as an activity course.

b. At Advanced ROTC Camp, this summer, our cadets' weakest area was orienteering ....one of the graded events at camp. This was due primarily to their limited exposure to orienteering prior to reporting to camp. Traditionally, this skill has had limited coverage at YSU, done on a voluntary basis as an extension of our program but without academic credit. Other schools such as Ohio University, Ohio State, and Indiana University of Pennsylvania have had formal programs with greater success enjoyed by their students. The addition of an orienteering course would fill this void at YSU, and allow the students to use available time later in the program to perfect their skills rather than learning the basics.

CURRICULUM PROPOSAL

YOUNGSTOWN STATE UNIVERSITY

UCC #	DATE REC'D:	IR CODE:
80	11/9	

-------- DO NOT WRITE ABOVE THIS LINE---

The following change in curriculum is hereby proposed:

Military Science Department (Department)

DELETION of _____ (Complete A and C)

ADDITION of MS 615 (Complete B and C)

CHANGE of _____ (Complete A,B, and C)

(Chairperson's Sig./Date) 50ct79

(Dean's Signature/Date) 11/1/79

☒ Approved ☐ Disapproved

SECTION A:

If you propose to DELETE or CHANGE an existing course, use the blank space to the right to paste in a clear photocopy of the course description, as it appears in the current YSU catalog.

SECTION B:

If you propose to ADD or CHANGE a course, provide the course description below, precisely as you would expect it to appear in the next issue of the YSU catalog.

615. Freestyle Orienteering. Introduction to the sport of orienteering, negotiating unfamiliar terrain combining compass and map skills with physical fitness. Two contact hours a week.

Prerequisite: 2 q.h. of Military Science or permission of department chairman.

1 q.h.

SECTION C:

Provide below your justification for the curriculum proposal you have offered, using additional sheets if necessary. If the proposal is for a new course, list faculty qualified to offer the course. If you propose a new or changed course which will require special library and/or physical plant facilities, give assurances that these support services are or will be available.

See attached memo for a detailed explanation. All assigned commissioned officers are qualified to instruct this course.

APPROVALS:

(Dept./College CC)	(UCC, if appropriate)	(Academic Senate)
11/2/79		
(Date)	(Date)	(Date)

Returned

Circulated

Objected to

Senate minutes

Inter-Office Correspondence 5 October 1979
SUBJECT: Curriculum Change

4. The addition of this course would both fill a scheduling void and provide a needed lower division course as outlined above.

5. With approval of this proposed change, the YSU Bulletin section entitled "Modifications For Students Enrolled in Military Science" (p. 41 SY 79-80) would have to be changed (para a) to read:

"a. Students enrolled in ROTC may substitute selected Military Science courses as indicated below for Health and Physical Education ACTIVITY courses:

MS 520 and 530.....1 g. h. of H&PE activity
MS 610 .....1 g. h. of H&PE activity
MS 615 .....1 g. h. of H&PE activity
MS 620 .....1 g. h. of H&PE activity
MS 630 .....1 g. h. of H&PE activity".

YOUNGSTOWN STATE UNIVERSITY

INTER-OFFICE CORRESPONDENCE

TO William Jenkins, Chairperson University Curriculum Committee (History Department) DATE 23 January 1980

FROM Dr. Lewis B. Ringer, Chairman, H&PE Department and LTC Robert E. Shea, Jr., Professor of Military Science

SUBJECT Reference: UCC Proposal No. 80-35 with Objection No. 80-2

1. The undersigned met on 21 January 1980 and have resolved the objection filed as described below.

2. Since the proposed course falls within the areas of interest of both departments, it was decided to cross-list the course with scheduling, teaching responsibilities, and course content coordinated by the faculty of both departments. There is precedent for such cross-listing.

3. The YSU Bulletin would read:

a) Under Military Science Department:

615. Freestyle Orienteering. Introduction to the sport of orienteering, negotiating unfamiliar terrain combining compass and map skills with physical fitness. Two hours per week. Prerequisite two quarter hours of Military Science or permission of Department Chairman. Same as HPE 615. 1 g.h.

b) Under Health and Physical Education:

615. Freestyle Orienteering. Introduction to the sport of orienteering. Two hours per week. Same as Military Science 615. 1 g.h.

c) That portion of the entitled "Modifications for .....Military Science" (p. 41, SY 79-80), would be changed to add MS 615 as equating to 1 g.h. of H&PE activity.

4. Request the objection be withdrawn.

Lewis B Ringer

DR. LEWIS B. RINGER
Chairman, H&PE Dept

LTC ROBERT E. SHEA, JR.
Chairman, Military Science Dept

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE.

Date 2/20/80 Report Number (For Senate Use Only) 1980-11

Name of Committee Submitting Report University Curriculum Committee

Committee Status: (elected chartered, appointed chartered, ad hoc, etc.) Appointed charter

Names of Committee members: Bakos, Dastoli, Jenkins, Mayhall, Owens Snozek, Viehmeyer, Zupanic, Yiannaki, Rand and student representatives Karla Snyder and Naomi Michael

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) The University Curriculum Committee meets weekly on Thursdays at 2 p.m. in the Buckeye Room of Kilcawley Center. The attached course proposals have been considered by the Committee, and have been circulated in the prescribed manner and have been incorporated into the University inventory of courses.

Do you anticipate making a formal motion relative to the report? Possibly.

If so, state the motion: To approve Education courses: 80-155, 80-156, 80-157, 80-161, 80-162, 80-163, 80-164, 80-166

If there are substantive changes made from the floor in your committee recommendation, would the committee prefer that the matter be sent back to committee for further consideration? Yes

Other relevant data:

2/20/80

Chairman (please initial)

80-68 Accounting and Finance 703, 704 & 705 (Addition)
Intermediate Accounting I, II, III. A comprehensive study of the theories and concepts underlying financial accounting. Emphasis on income determination, asset valuation, measurement of liabilities, corporate equity accounting, and changes in financial position. Current issues in financial reporting and pronouncements of authoratative bodies are studied. Prereq. for Accounting 703 is a "C" or better in Accounting 606; Prereq. for Accounting 704 and 705 is a "C" or better in Accounting 703. 4+4+4 q.h.

80-69 Industrial Engineering 625 (Addition)
Industrial Organization and Management. The general principles of industrial organization and management. 3 q.h.

80-70 Industrial Engineering 700 (Deletion)
Industrial Organization and Management. The general principles of industrial organization and management. Prereq. or concurrent: Math 743 or consent of department chairman. 5 q.h.

80-71 Industrial Engineering 626 (Addition)
Job Analysis and Evaluation. The fundamentals and techniques of job analysis, job description, job specification, and wage determination. Management wage and salary systems, merit increases, objective performance appraisal. Establishing and using charts and graphs in system administration. Mechanics of establishing complete systems. Prereq.: IE 625. 4 q.h.

80-72 Industrial Engineering 721 (Deletion)
Job Analysis and Evaluation. The fundamentals and techniques of job descriptions, job specifications salary determination, and the use of charts in setting up labor grades, locality surveys, and merit ratings for purposes of wage determinations. The mechanics of making a plant job evaluation. Prereq.: IE 700.(F) 3 q.h.

80-73 Industrial Engineering 636 (Addition)
Methods Engineering. Techniques for analysis of task performance, the use of process charts and various methods of work simplification, man-machine relation analysis. Theory and practice of time study and other methods of measuring and establishing performance level and productivity. Prereq. or concurrent IE 625. 4 q.h.

80-74 Industrial Engineering 711 (Deletion)
Methods I. Fundamentals and elements of motion study. Construction and use of process charts and operations analysis. Work simplification and standardization. Characteristics of motions and basic divisions of accomplishment. Prereq. or concurrent: IE 700(F). 3 q.h.

80-75 Industrial Engineering 712 (Deletion)
Methods II. Tools and methods of time study. Practice in making time study observations. Determination of constant and variables. Leveling for efforts and skill allowances for delays and fatigue. Construction and use of formula standards. Time studies are made of actual plant operations. Prereq.: IE 711.(Sp) 3 q.h.

80-76 Industrial Engineering 636L (Addition)
Methods Engineering Laboratory. Practice in analyzing and recording tasks. Determination of time standards and productivity requirements. Analysis and evaluation of actual plant operations. Taken concurrently with IE 636. Three hours laboratory. Prereq.: IE 625. 1 q.h.

80-77 Industrial Engineering 711L (Deletion)
Methods I Laboratory. Techniques of examining task performance from which process and other charts are constructed and analyzed with the object of work simplification. Taken concurrently with IE 711. Three hours laboratory. 1 q.h.

80-78 Industrial Engineering 712L (Deletion)
Methods II Laboratory. Techniques of examining task performance from which time studies are made, and standard times and productivity may be determined. Taken concurrently with IE 712. Three hours laboratory. 1 q.h.

80-79 Industrial Engineering 710 (Addition)
Production Planning and Control. The fundamentals and techniques of planning and control required in the coordination of product engineering, production engineering, material control, expediting, purchasing, scheduling, dispatching, and plant capacity. Prereq.: IE 625. 4 q.h.

80-80 Industrial Engineering 800 (Deletion)
Production Planning and Control. The fundamentals and techniques of planning and control required in the coordination of product engineering, production engineering, material control, expediting, purchasing, scheduling, and dispatching. Plant capacity and plant layout. Prereq.: IE 700.(F) 4 q.h.

80-81 Industrial Engineering 720 (Addition)
Quality Control I. Tools for distinguishing between chance and assignable causes of quality variation in production processes. Introduction to the mean, standard deviation and range charts for variables and the p and c charts for attributes. Use of tables in determining control limits. Introduction to process control and process control investigations. Prereq.: Math 743. 4 q.h.

80-82 Industrial Engineering 730 (Addition)
Quality Control II. Extension of the material in Quality Control I with the objective of statistical quality control manufacturing through sampling methods. A statistical

approach to acceptance procedures. Applications of statistical quality control to various types of manufacturing operations, and reliability and life testing. Prereq.: IE 720. 4 q.h.

80-83 Industrial Engineering 715 (Change)
Industrial Engineering Analysis I. An introduction to the engineering design process and the survey and application of quantitative methods and decision making techniques engineers apply to the design and evaluation of industrial processes and systems for assuring reliability of performance. Emphasis on the philosophy of engineering design problem definition, search for alternative solutions and specification of the final solution. Prereq.: IE 642, Math 705. 4 q.h.

80-84 Industrial Engineering 820 (Deletion)
Quality Control. Objective of statistical quality control in manufacturing through sampling methods. Control charts for variables attributes, and defects per unit. A statistical approach to acceptance procedures. Applications of statistical quality control to various types of manufacturing operations. Prereq. or concurrent: Math 743(Sp) 5 q.h.

80-85 Industrial Engineering 724 (Addition)
Engineering Economy. An introduction to the analysis and evaluation of factors that affect the economic success of engineering projects. Topics include basic accounting, interest, depreciation, cost classification, comparison of alternatives, make-buy decisions, and replacement models. Prereq.: Math 673. 4 q.h.

80-86 Industrial Engineering 824 (Deletion)
Engineering Economy. An introduction to the analysis and evaluation of factors that affect the economic success of engineering projects. Topics include basic accounting, interest, depreciation, cost classification, comparison of alternatives, make-buy decisions, and replacement models. Prereq.: Math 673(W) 4.q.h.

80-87 Industrial Engineering 727 (Addition)
Industrial Engineering Analysis II. Background and techniques for the use of descriptive mathematical models in solving complex engineering problems. Emphasis on the numerical solution of problems which cannot be solved analytically. Inventory, queueing, and material handling systems will be simulated. Prereq.: IE 642, IE 715, Math 743. 4 q.h.

80-88 Industrial Engineering 827 (Deletion)
Industrial Engineering Analysis. The use of algorithmic and simulation languages in the solution of complex engineering problems. Intended to provide background and techniques for the solutions of such problems numerically. Deterministic models of linear and non-linear systems will be considered. Simulation of inventory, queueing, and

material handling systems will be examined. Prereq.: IE 642, Math 743 (Sp) 5 q.h.

80-89 Industrial Engineering 821-822 (Addition)
Facilities Design. The application of engineering techniques to the analysis, design, and justification of a production facility which may be product or service oriented. Equipment selection, process flow, material flow and material handling will be considered in the design of a system which is economically feasible and compatible with the processing requirements. The system design will involve field investigation, acquisition and analysis of data, and preparation of drawings and final report. Prereq.: 150 hours of engineering degree credit completed. 4 4 q.h.

80-90 Industrial Engineering 801 (Deletion)
Facilities Design. The application of engineering techniques to the analysis, design, and justification of a production facility which may be product or service oriented. Equipment selection, process flow, material flow and material handling will be considered in the design of a system which is economically feasible and compatible with the processing requirements. The system design will involve field investigation, acquisition and analysis of data, and preparation of drawings. Prereq.: IE 712, IE 800, IE 824. 4 q.h.

80-91 Industrial Engineering 825 (Change)
Advanced Engineering Economy. An extension of topics of IE 724. Analysis of economic factors raised by productivity improvement and wage and salary structure. Study of impact on economy of production and cost structure of the manufacturing organization. Prereq.: IE 724. 4 q.h.

80-92 Industrial Engineering 850 (Change)
Introduction to Operations Research. Formulation and solution of industrial engineering problems using operations research models. Topics covered include inventory models, queueing models, and the specialization of linear models to equipment replacement, project planning, assignment, and trans-shipment problems. Prereq.: IE 851. 4 q.h.

80-93 Industrial Engineering 860 (Addition)
Operations Engineering. Application of the analytical tools of operations research and linear programming to operational problems of industry. Emphasis on the practical aspects of applying the tools, including data collection, modeling, model verification, and the interpretation, documentation and presentation of the results. Prereq.: IE 827, IE 850, IE 851. 4 q.h.

80-9 Industrial Engineering (Change)
Linear Programming. Formulation and solution of engineering problems using linear programming. Model formulation, the primal, dual and transportation simplex method, duality

theory, and sensitivity analysis. Prereq.: Math 743. 4 q.h.

80-95 Accounting 610 (Change)
Introduction to Business Systems and Data Processing. Electonic data processing concepts applied to business: FORTRAN & COBOL; card, disk and time sharing applications. Theory of internal control of electronic data processing systems. Prereq.: Accounting 606 or equivalent. 4 q.h.

80-96 Management 895 (Addition)
Management Internship. This course offers the student the opportunity through employment with participating organizations to relate management theory to the practice in the field. The student will be employed at least 20 hours per week. Biweekly meetings with his/her academic advisor will insure maximum learning from the experience. At the course's conclusion the student will submit a research paper covering the experience. This program will be offered all four quarters of each academic year based on the availability of internships. Prereq.: A total of 20 hours of Management courses including Management 725 & 750. 4 q.h.

80-97 Medical Laboratory Technology 502L (Change)
Medical Laboratory Methodology I. Chemical and microscopic examination of urine, with emphasis on cells and casts, ABO and Rh typing and routine hematology procedures. Six hours of laboratory per week. To be taken concurrently with MLT 502. 2 q.h.

80-98 Medical Laboratory Technology 700L (Change)
Diagnostic Radioimmunoassays Laboratory. Insulin, Thyroid, Digoxin, B^{12}, and folic acid test procedures used in the clinical laboratory. Three hours laboratory per week. Must be taken concurrently with MLT 700. 1 q.h.

80-99 Medical Laboratory Technology 502 (Change)
Medical Laboratory Methodology I. Theory and techniques in the chemical analysis of urine and the fundamentals of blood banking and hematology. Prereq.: Biology 506, 507, and MLT 501. To be taken concurrently with MLT 502L. 2 q.h.

80-100 Business Technology 551 (Addition)
Survey of Graphic Communications. A survey of the reprographic industry and its inter-relationship with information processing. Includes the history of printing, the flow of graphic production from art and copy presentation to the finished product, and an overview of techniques used in the printing industry. 3 q.h.

80-101 Business Technology 652 (Addition)
Applied Offset Printing Process. A hands-on experience of the main steps of the offset printing process from planning to finishing. Includes art and copy preparation, conversion of art and copy into camera-ready art, the

use of the offset camera, stripping negatives, platemaking, press work, and binding or finishing. Two hours lecture and six hours lab. Prereq.: Art 727. 4 q.h.

80-102 Business Technology 659 (Addition)
Graphic Practicum. A terminal course in graphic communications. Includes planning, estimating, production control, work orders, portfolio presentation, resumes, new technologies, and field experience. Two hours lecture and seven hours practicum per week. 3 q.h.

80-103 Home Economics 506 (Change)
Clothing Selection. Analysis of personal and family resources and needs in the selection, purchase, and care of clothing. Selection and adaptation of clothing for persons with special needs is included. 3 q.h.

80-104 Home Economics 551L (Change)
Nutrition Laboratory. Application of the basic principles of nutrition in the selection of foods for adequate nutriture of the individual and family members. Four hours of laboratory per week. Prereq.: Home Economics 551. May be taken concurrently. 2 q.h.

80-105 Home Economics 529 (Deletion)
Media Communication for Home Economists. The theory, practice and value of communicating with audio visual media. Laboratory experience in preparation of materials and use of media.(Sp) 4 q.h.

80-106 Home Economics 611 (Change)
Food Systems-Production. Quantity food production principles; use and care of large equipment. Practical experience in quantity food production. Two hours of lecture and six hours of laboratory each week. Prereq.: Home Economics 601. 4 q.h.

80-107 Home Economics 642 (Change)
Applied Fabric Design. A creative approach to fabric design through the use of dyes and needlework as applied to clothing and home furnishings projects. (Odd years) 4 q.h.

80-108 Home Economics 663 (Change)
Practicum in Child Care. Supervised participation in all phases of operation and functioning in child care centers. One classroom hour and nine hours of laboratory per week. Prereq.: Home Economics 512 and 706; Psychology 755 and Elem. Ed. 630. 4 q.h.

80-109 Home Economics 703 (Change)
Tailoring. A study of the fundamental techniques involved in the construction of tailored coats and suits. Two hours of lectures and four hours of laboratory a week. Prereq.: Home Economics 604. (Even years) 4 q.h.

80-110 Home Economics 704 (Change)
Design by Draping. Creating new dress designs through the draping technique. Prereq.: Home Economics 604. (Odd years) 4 q.h.

80-112 Home Economics 740 (Deletion)
Clothing for Special Needs. Study of the selection, adaptation, and construction of garments for individuals with special needs - children, the elderly, or the physically handicapped. Three hours of lecture and discussion and two hours of laboratory a week. Prereq.: Home Economics 508 or proficiency exam. (Even years) (Sp) 4 q.h.

80-113 Home Economics 759 (Change)
Normal Nutrition II. Designed to broaden and extend the student's knowledge of the science of nutrition, with emphasis on the metabolism of nutrients at the cellular level. Current research in the field of nutrition will be included. Prereq.: Home Economics 551 and Biol. 551 and 552. Should be taken in Junior year. 4 q.h.

80-114 Home Economics 762 (Change)
Housing and Furnishings. Selection and arrangement of home furnishings. Consideration of family needs and resources, aesthetic principles, and the importance of planning and decision-making. Four hours of lecture and two hours of laboratory per week. Prereq.: Art 510. 5 q.h.

80-115 Home Economics 763 (Change)
Household Equipment. The selection, care, and use of various items of household equipment with comparison of the merits of different types in respect to materials, design, cost, and performance. Three lecture hours and a two-hour laboratory a week. Prereq.: eight hours of home economics credit. 4 q.h.

80-116 Home Economics 770 (Change)
Activity Analysis. Task analysis of work done in homes and institutions. Three lecture hours and one two-hour laboratory period per week. Prereq.: 8 hrs. of home economics credit. 4 q.h.

80-117 Home Economics 771 (Change)
Presentation Techniques for Home Economists. Theory and practice in selecting and utilizing presentation methods and materials related to home economics. Experience in preparing audio visual materials and operating audio visual equipment. Two hours of lecture and four hours of laboratory a week. Prereq.: eight hours of home economics credit. 4 q.h.

80-118 Home Economics 780 (Change)
Consumer Economics. Current consumer issues and sources of information for consumers. Decision making in the use of consumer resources. Prereq.: Economics 520. 4 q.h.

80-119 Home Economics 800 (Change)
Teaching Vocational Home Economics-Homemaking and Consumer Education. Principles and practices related to the teaching of homemaking and consumer education. Selection and organization of subject matter and instructional materials for classroom and laboratory. Three hours of lecture and two hours of laboratory a week. Prereq.: Ed. 706 and 15 hours credit in home economics. 4 q.h.

80-120 Home Economics 809 (Change)
Institutional Management I. The principles of business organization and management as applied to problems of intitutional food service. Prereq.: H.E. 611, and a minimum of 20 hours credit in home economics. 4 q.h.

80-121 Home Economics 810 (Change)
Experimental Food Studies. Application of scientific principles and experimental procedures to cooking processes. Two lecture hours and one three-hour laboratory period a week. Prereq.: Chemistry 503, and Home Economics 691 and a minimum of 20 hours in home economics. (Even years) 3 q.h.

80-122 Home Economics 852 (Change)
Home Management. Study of the home, its functions and operation, and resources recognized by the family. Three hours and a two-hour laboratory period a week. Prereq.: Home Economics 770. May be taken concurrently. 4 q.h.

80-123 Home Economics 853 (Change)
Home Management Experience. Home management applied through interviews with families, home visits, observations and/or interviews with agencies that are community resources, and volunteer work with an agency. Two hour seminars and ten hours of field experience per week. Prereq.: Home Economics 852. 4 q.h.

80-124 Home Economics 857 (Change)
Institutional Management II. The selection of equipment for institutional food service with consideration of need, quality, cost and trends in the market. The selection and purchase of food for institutional food service with consideration of quality, cost and marketing practices. Prereq.: H.E. 611 and a minimum of 20 hours credit in home economics. 4 q.h.

80-125 Home Economics 870 (Change)
Home Economics Workshop. Special workshops in a professional area of home economics as needed. Prereq.: 30 hours of credit in home economics. 2-4 q.h.

80-126 Biological Sciences 806 (Addition)
Field Ecology. A field course to study ecosystems that are distinctly different than the deciduous forest-human systems of Northeastern Ohio. Parameters of ecosystem structure will be measured to better understand the fundamental properties of ecosystems. The course includes pre and post trip lectures, specified experiments, independent study, a written report and an oral presentation of the indepedent study project to be presented during a post trip seminar. Prereq.: Biol. 780. 5 q.h.

80-127 Health and Physical Education 615 (Addition)
Freestyle Orienteering. Introduction to the sport of orienteering, negotiating unfamiliar terrain combining compass and map skills with physical fitness. Two hours per week. Same as Military Science 615. 1 q.h.

80-128 Music 666, 667, 668 (Change)
Jazz Improvisation. An instruction experience in jazz technics, with emphasis on analysis of harmonic progression, form, style and performance requirements of the jazz idiom. Prereq.: Music 571 or permission of the instructor. 2+2+2 q.h.

80-129 Music 866, 867, 868 (Change)
Advanced Jazz Improvisation. An instructional experience in advanced jazz technics, with emphasis on analysis of harmonic progressions, form style and performance requirements of the jazz idiom. Prereq.: Music 668. 2+2+2 q.h.

80-130 Chemical Engineering & Materials Science 614, 615 (Change)
Microstructure Analysis of Metals and Alloys I, II.
An introduction to the optical examination and analysis of metallic microstructures. Study of the effects of composition, and of thermal and mechanical processes on microstructure in ferrous and non-ferrous alloys. One hour lecture and three hours laboratory. Prereq.: MAT SCI 601R or consent of instructor. 2+2 q.h.

80-131 Chemical Engineering & Materials Science 740 (Change)
Mechanical Working and Its Effect on Materials. General discussion of the different types of mechanical working processes (rolling, forging, pressing, extrusion, wire drawing, etc.), their effects on material properties and fracture mechanics and the effect of strain rate and temperature on materials properties. Prereq.: MAT SCI 602R or concurrent. 2 q.h.

80-132 Chemical Engineering & Materials Science 750 (Addition)
Industrial Processes. A fundamental approach to study of industrial chemical processes. Emphasis upon flow charting, chemical reactions involved, thermodynamics and economic considerations. Prereq.: Chem. 720 and junior standing in Chemical Engineering or equivalent background. 3 q.h.

80-133 Chemical Engineering & Materials Science 784 (Change) Crystallography. Study of the relationships between the external macroscopic symmetry and the internal atomic symmetry of crystalline materials. Application of stereographic projection techniques to the study of symmetry. Prereq.: MAT SCI 603R. 3 q.h.

80-134 Chemical Engineering & Materials Science 791, 792, 793 (Change) Physical Metallurgy I, II, III. The fundamental concepts of physical metallurgy with emphasis on basic laws and theories. Topics include electrical, magnetic and thermal properties, mechanical properties and deformation mechanisms, dislocation theories, phase equilibria and phase transformation mechanisms, nucleation and growth kinetics, laws and concepts of solid state diffusion, and precipitation hardening. Prereq.: MAT SCI 603R and ChE 771 or consent of instructor. 3+3+3 q.h.

80-135 Chemical Engineering & Materials Science 863 (Change) Thermodynamics of Materials I. Principles of thermodynamics and their applications to materials, metallurgical systems, processes and alloys. Prereq.: Math 705 and ChE 771 or consent of instructor. 3 q.h.

80-136 Chemical Engineering & Materials Science 887 (Addition) Metallurgical Design. Application of design principles to metallurgical process, equipment and product design. Optimum utilization of materials within the constraints of use, manufacture, safety, law and economics with due consideration of the sociological and environmental aspects. Prereq.: ChE 884 or a course in engineering economics. One hour lecture and two three-hour design sessions. 3 q.h.

80-137 Chemical Engineering & Materials Science 860 (Change) Mechanical Behavior of Materials. Advanced theoretical discussion of elastic and plastic behavior of metals with particular emphasis on the design considerations for mechanical processing of materials; theory of plasticity; application of these theories to various deformation processes with particular emphasis on design of rolling mills, extrusion dies and other mechanical processes. Prereq.: MAT SCI 741R and 793 or consent of instructor. 3 q.h.

80-138 Business Education & Technology 506 (Change) Word Processing Skills. Extensive practice and applications in correct word usage, spelling, and punctuation. Transcription from tapes, belts, hardcopy, and rough drafts. Prereq.: BET 505 or an ACT English score of 16, and BET 521 or equivalent. 3 q.h.

80-139 Business Education & Technology 640 (Change) Concepts of Word Processing. Fundamentals of word processing: feasibility study, equipment selection, center design, employee selection, training and motivation,

inter-departmental relationships of work flow, and forms design and control. 4 q.h.

80-140 Business Education & Technology 718 (Change)
Word Processing. Students organize and operate a word processing center utilizing previously acquired concepts and skills. Prereq.: BET 615. 4 q.h.

80-142 Foundations of Education 501 (Change)
Introduction to Education. Designed to offer students a common core of experiences facilitating learning about schools, their functioning and their various programs. Examination of requirements for admission to the School of Education, issues relating to certification, and some basic principles and issues in the economic, historical, sociological, and philosophical foundation of American schooling. Thirty hours of field/clinical experience are required. Prerequisite for any other course in education unless waived by the Dean of the School of Education. 4 q.h.

80-143 Health and Physical Education 533 (Deletion)
Competitive Swimming. Refinement and variations of the four basic strokes used in racing competition. Racing dives and close course turns. Organization and conduct of meets. Prereq.: Advanced swimmer. 1 q.h.

80-144 Health and Physical Education 536 (Deletion)
Diving II. Intermediate to advanced springboard diving at one and three meters. Prereq.: Diving I or consent of instructor. 1 q.h.

80-145 Health and Physical Education 796 (Deletion)
Elementary School Health Education. Curricula, principles, planning, methods and materials for the teaching of health in the elementary schools. Laboratory and/or field work is required. Two hours lecture, four hours laboratory per week. Prereq.: HPE 701. 4 q.h.

80-146 Criminal Justice 707 (Change)
Criminal Justice Internship. Observational and participating experiences in an appropriate criminal justice agency under the direction of experienced and qualified personnel. In addition there will be an orientation at the beginning of the quarter and one following during the last week of the quarter. Prereq.: For Corrections majors: CJ 701, 702, 703 and permit; for Law Enforcement Administration majors: CJ 715 and permit. 12 q.h.

80-147 Engineering Technology MET 615 (Change)
Fluid Mechanics. Fundamental concepts, fluid statics, a study of the basic laws of fluid mechanics and their application to incompressible flow in pipes and channels, dimensional analysis, fluid measurements. Prereq.: MET 516. (F) 3 q.h.

80-148 Engineering Technology MET 615L (Addition)
Fluid Mechanics Laboratory. Laboratory tests and

applications of concepts covered in MET 615. Three hours laboratory per week. Concurrent with MET 615. (F) 1 q.h.

80-149 Engineering Technology CET 615 (Change)
Soil Mechanics. Study of the properties of soils, soil classification, soil strength, bearing capacity, consolidation, and compressibility. Seepage and frost action. Principles and procedures of soil testing. Prereq.: CET 604. (W) 3 q.h.

80-150 Engineering Technology CET 615L (Addition)
Soil Mechanics Laboratory. Laboratory practice in soil identification and soil properties. Use and care of basic soil testing equipment. 3 hours per week. Concurrent with CET 615. (W) 1 q.h.

80-151 Engineering Technology CET 617 (Change)
Construction Methods and Materials. Methods and planning of construction, estimating, and scheduling materials, equipment, and labor. Understanding steel, wood, concrete, asphalt, and composites as construction materials. Familiarization with building codes. Relationship between architect and engineer. Prereq.: CET 604 (F) 3 q.h.

80-152 Engineering Technology CET 617L (Addition)
Construction Methods and Materials Laboratory. Physical testing of construction materials. Concrete aggregates, concrete pour, cure and test; wood construction and test; bituminous materials. 3 hours per week. Concurrent with CET 617. (F) 1 q.h.

80-153 Home Economics 707 (Deletion)
The Psychology of Marriage and Family Relations. Psychological factors contributing to marital success and family stability: an examination of courtship, marriage, child-and-family relations; sexual relations; and mental hygiene. Applicable to the psychology major. Prereq.: Psychology 560. 4 q.h.

80-154 Home Economics 731 (Addition)
Individual and Family Development. Functional approach to individual and family development across the life span with focus on process-oriented change. Prereq.: Psychology 560. 4 q.h.

80-155 Secondary Education 700 (Addition)
Foundations of Reading in the Secondary School. A study of the rationale, principles, and techniques of improving the reading skills of secondary school students, including a survey of specialized reading materials in various subject fields.

The course is required for all Secondary Education majors, except English. English majors take Ed. 883, instead. Prereq.: Admission to upper division status in the School of Education. The course must be taken

prior to, or concurrent with Ed. 704. 2 q.h.

80-156 Secondary Education 706 (Change)
Principles of Secondary Teaching. Motivating, instructing and managing classes with students of varying cultural and ability backgrounds. Working with disruptive students. Rights and responsibilities of teachers and students. Includes a 30 clock hour clinical experience involving videotaped micro-teaching and analysis of classroom behavior. Taken concurrently with Ed. 706L. Prereq.: Ed. 704. 4 q.h.

80-157 Secondary Education 706L (Addition)
Principles of High School Teaching Lab. A ninety clock hour teaching experience involving simulation, gaming, role playing, tutoring, small group instruction, and classroom teaching. Students are assigned to area schools an average of nine hours per week. Prereq.: Ed. 704. Taken concurrently with Ed. 706. 3 q.h.

80-158 Elementary Education 713 (Change)
Teaching of Mathematics. Principles and content in learning elementary school mathematics and their application to effective teaching. Group and individual assessment techniques. Required for elementary school certification. Prereq.: Admission to upper division status in the School of Education; Ed. 710. 4 q.h.

80-159 Elementary Education 714 (Change)
The Teaching of Social Sciences in the Elementary School. An introduction to the "New Social Studies", investigating its rationale, methods, materials, and the acquisition of the supportive instructional strategies and knowledge required of the classroom teacher; implications for multicultural education. Required of all elementary candidates. Prereq.: Admission to upper division status in the School of Education. 4 q.h.

80-160 Elementary Education 715 (Change)
The Teaching of Science in the Elementary School. Principles in the learning of science and their application to effective teaching. Group and individual assessment techniques. Required of all elementary candidates. Prereq.: Admission to upper division status in the School of Education. 4 q.h.

80-162 Elementary Education 801 (Change)
Purposes and Practices of Elementary School. An analysis of contemporary purposes and practices with emphasis on origins, purposes, strengths and weaknesses. Identification of developmental and special needs, pupil progress and

management techniques. Required of all elementary candidates. Prereq.: Education 705. 4 q.h.

80-163 Guidance and Counseling 761 (Change)
Human Relations and Guidance Skills for Teachers. Approaches to developing critical interpersonal aspects of facilitative learning climate within the classroom including amelioration and prevention of behavior problems. Required of all elementary education majors. Prereq.: Educ. 705 2 q.h.

80-164 Special Education 730 (Addition)
Exceptional Children in the Regular Classroom. Characteristics, adjustment problems, and special needs of exceptional children. Laws and practices affecting their education. Resources available to the classroom teacher. Not intended for majors in Special Education. Prereq.: Education 704. 2 q.h.

80-165 Elementary Education 812 (Change)
Language Arts I. The principles and methods of teaching reading in the elementary school with emphasis on diagnostic/prescriptive teaching. Required of all elementary candidates. Prereq.: Education 705. 4 q.h.

80-166 Secondary Education 702 (Addition)
Media Lab. Self instructional modules for the development of educational media materials used in the classroom and procedures for operating equipment such as filmstrip, slide, overhead, motion picture and opaque projectors. Taken prior to or concurrent with Ed. 706. Prereq.: Admission to upper division status in the School of Education. 1 q.h.

80-25 Political Science 703 (Change)
American Constitutional Law. An inquiry into constitutional interpretation by the Supreme Court based on examination of leading cases, with particular attention to questions of federalism, executive power, civil liberties, and economic regulation. Prereq.: Political Science 702. 4 q.h.

80-46 Art 747 (Addition)
The History of Still Photography. A lecture course in the history of still photography from its beginning to the present, with emphasis on the evolution of photography as a fine art. Prereq.: Art 514. 3 q.h.

80-47 Music Education 814 (Change)
Selected Topics in Music Education. Bulletin will list course title each quarter. Prereq.: Music 810 or 811. May be repeated for credit. 2 q.h.

80-161 Elementary Education 762 (Addition)
Human Relations in the Elementary School. Application of human relations skills and abilities which are effective in improving human relationships among students, between teacher and student, and between teacher and parent. Prereq.: Guidance and Counseling 761. 2 q.h.

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE.

Date 2/20/80 Report Number (For Senate Use Only) 7980-12

Name of Committee Submitting Report University Curriculum Committee

Committee Status: (elected chartered, appointed chartered, ad hoc, etc.) Appointed charter

Names of Committee members: Bakos, Dastoli, Jenkins, Mayhall, Owens Snozek, Viehmeyer, Zupanic, Yiannaki, Rand and student representatives ~~Karla Snyder and Naomi Michael~~

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) The University Curriculum Committee meets weekly on Thursdays at 2 p.m. in the Buckeye Room of Kilcawley Center. The attached course proposals have been considered by the Committee, and have been circulated in the prescribed manner and have been incorporated into the University inventory of courses.

Do you anticipate making a formal motion relative to the report? yes

If so, state the motion: To adopt a new policy on crosslisting

If there are substantive changes made from the floor in your committee recommendation, would the committee prefer that the matter be sent back to committee for further consideration? Yes

Other relevant data:

2/21/80 dm

Chairman (please initial)

YOUNGSTOWN STATE UNIVERSITY

INTER-OFFICE CORRESPONDENCE

TO Chairpersons, School Curriculum Committees DATE 1/28/80

FROM Bill Jenkins WJ

SUBJECT Policy on Crosslisting

This is an updated proposal on crosslisting to be effective September, 1980. We would appreciate any comments or suggestions you might have.

Crosslisting is the listing of a course with the same title, description, prerequisites and quarter hours in two or more departments.

1) Crosslisting to supplement a program

A department may choose to crosslist a course from another department in order to supplement its offerings to its majors. The department of course origin, however, shall be responsible for the teaching of that course, for any course changes, and for the initiation of course proposals. Other departments may object to proposed changes, but, once the changes are officially adopted, departments crosslisting the course must change their listing to correspond with that of the department of course origin, or drop the listing from the catalogue.

2) Crosslisting with joint responsibility

If two or more departments develop a course for which they are equally responsible, and which each department may offer independently, it shall be noted in the minutes of the University Curriculum Committee and of the University Senate that the course is a joint responsibility subject to no changes, except deletion, without the agreement of all parties.

3) Each department desiring crosslisting under either option must submit a separate course proposal form through the established channels.

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE

Date Feb. 12, 1980 Report Number (For Senate Use Only) 7980-13

Name of Committee Submitting Report Early Quarter System

Committee Status: (elected chartered, appointed chartered, ad hoc, etc.)

Ad hoc

Names of Committee members: Guido Dobbert, Ilajean Feldmiller, Darla Funk, Richard Mirth, K.R.M. Rao, James Steele, and George Sutton.

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) Given the fact that 69.8% (N = 266) of the ballots cast were against the early quarter system and no clear majority of the student sample i.e. 46.8% (n = 268) has voted in favor of it, your committee has no recommendation to make. Having transmitted its findings (see Table 1 to 3), it hereby considers itself to be discharged from its duties.

Do you anticipate making a formal motion relative to the report? No

If so, state the motion:

If there are substantive changes made from the floor in your committee recommendation, would the committee prefer that the matter be sent back to committee for further consideration? No

Other relevant data: See appendix

2/12/80

G. D. Dobbert

Chairman (please initial)

TABLE 1

SUMMARY TABLE: VOTE ON EARLY QUARTER SYSTEM

	FACULTY%	STUDENT SAMPLE % *
AGAINST	69.8	35.4
FOR	22.8	46.8
NO OPINION	7.3	17.8
	100	100
	(381)	(573)

*subject to sampling error of ± 4.1%

TABLE 2

FACULTY

	f	%
AGAINST	266	69.8
FOR	87	22.8
NO OPINION	28	7.3
	381	99.9

TABLE 3

POLL EARLY QUARTER STUDENT SAMPLE

STATUS	FOR	AGAINST	INDIFFERENT	f	%
FULL TIME	201	158	62	421	73.5%
PART TIME	60	40	33	133	23.2%
NO STATUS	7	5	7	19	3.3%
TOTAL	268	203	102	573	
	46.8%	35.4%	17.8%	100%	