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Faculty Senate Chronicle February 13, 1984

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1983-84, No. 5 (28 pages)

February 13, 1984

PRESIDENTIAL SEARCH COMMITTEE MEMBERS ARE ANNOUNCED

The eleven-member Presidential Search Committee, as confirmed by the University Board of Trustees, is comprised as follows:

From the Trustees:

Mr. John Steinhauer, Chairman
Mrs. Janet Purnell
Mr. Karl Rohrer
Mr. George Wilson

Elected by the Deans:

Dean Robert C. Weyrick of the Community and Technical College

Elected by the elected members of University Council:

Dr. Dale Jackson, Professor of Biology (Buchtel College)
Dr. Tse Yung (Paul) Chang, Professor of Civil Engineering (Engineering)
Mr. James E. Inman, Professor of Business Law (Business Administration)

Alumni Council:

Mrs. Hugh (Phyllis) West, President of the Alumni Council

Student Body:

Mr. Rob Kochis, President of Associated Student Government
Miss Barbara McCrea, President of Evening Student Council

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FOUNDERS DAY

The 102nd annual Founders Day will be observed on Tuesday, February 14, 1984. In 1982 University Council and administrators determined that special conferences, etc., would be held only at five-year intervals in connection with Founders Day, which would be on the second Tuesday in February. Consequently, the Wreath Ceremony will constitute the commemoration for this year, with a brief ceremony in the main lobby of Buchtel Hall at 11 a.m.

HOME ECONOMICS ACCREDITATION

The Department of Home Economics and Family Ecology has received its first full ten-year accreditation of its baccalaureate programs by the Council for Professional Development of the American Home Economics Association, effective September 1, 1983. This recognition covers the nine "tag" degree programs in the Department: Family and Child Development, Child Life Specialist, Clothing and Textile Business Option, Clothing and Textiles Theatre Costume Option, Clothing and Textile Interior Design Certificate, Food and Nutrition, Dietetics Coordinated Undergraduate Program ("CUP", which has been fully accredited by the American Dietetics Association for two and one-half years), Dietetics Traditional, and Home Economics Education. The team from the Council which visited the campus for its evaluation last March, noted particularly the development of its excellent Center for Family Studies, and the implementation of an innovative computer program, especially its use of the micro-computer in the home.

ESTABLISHMENT OF NEW DEPARTMENTS

As the graduate programs are developing in biomedical engineering and polymer engineering, it is necessary to create a framework of academic departments in order that the appropriate mechanisms and opportunities are provided leading to graduate degrees. As a consequence, the Departments of Biomedical Engineering and of Polymer Engineering were established, effective January 1, 1984, with the presentation of degree programs at the graduate level. Dr. Karen Mudry is Acting Head of Biomedical Engineering and Dr. James White is Head of Polymer Engineering. The College of Engineering will now have six departments: Chemical, Civil, Electrical, Mechanical, Biomedical and Polymer Engineering.

CHANGE IN NAME OF COMMUNITY AND TECHNICAL COLLEGE DIVISION

Effective January 1, 1984, the Division of Business and Office Technology in the Community and Technical College was renamed the "Division of Business Technology". This is more descriptive of the programs now offered by the division, is more concise, is in accord with taxonomy heading used by the Ohio Board of Regents, and follows the division or departmental title used in almost all technical colleges. The Community and Technical College now has five divisions, the other four being Allied Health Technology, Associate Studies, Engineering and Science Technology and Public Service Technology.

ESTABLISHMENT OF A NEW CENTER FOR FIRE RESEARCH

A new Center for Fire and Hazardous Materials Research was established, effective February 1, 1984, with Dr. Paul D. Garn, Professor of Chemistry, as its Director. The Center will function in the areas of research training and continuing education.

NECROLOGY

Mr. David E. Anderson, Associate Professor Emeritus of Engineering Materials, passed away on December 14, 1983. Born in Chicago in 1897, he had earned his B.A. from Augustana College in 1921 and the M.S. from the University of Chicago in 1923. He joined the faculty of The University of Akron in 1923 as Instructor in Chemistry, was promoted to Assistant Professor and later Associate Professor of Engineering Materials. He was also Director of the City of Akron Testing Laboratory for many years and served in the Army in World Wars I and II. He retired from teaching in 1962 with Emeritus designation.

UNIVERSITY BUDGET COMMITTEE—1983-84

Mr. R. W. Duff, Vice President for Business and Finance (chairman)
Dr. Noel L. Leathers, Senior Vice President and Provost
Dr. David Buchthal, Associate Professor of Mathematics,
 Buchtel College of Arts and Sciences (1982-84)
Dr. William Glazier, Professor of Surveying and Construction
 Technology, Community and Technical College (1983-85)
Miss Kathryn Homeier, Professor of Nursing (1982-84)
Dr. Gerard Knieter, Dean of the College of Fine and Applied
 Arts (1983-85)
Mr. Derrell R. Hollis, Junior in Secondary Education, College of
 Education (1983-84)
Dr. D. J. Guzzetta, President, ex officio
Mr. Henry Nettling, Controller, Resource Person
Mr. Lawrence Kelley, Budget Director, Resource Person

FACULTY SUMMER RESEARCH FELLOWS

The following full-time members of the faculty are to receive \$4,000 each for the period from May 25 to August 24, 1984 for research related to their respective disciplines and departments:

Mr. Lloyd C. Anderson, Associate Professor of Law
Dr. Barbara E. Clements, Associate Professor of History
Mr. Elton A. Glaser, III, Associate Professor of English
Dr. Chaman N. Kashkari, Associate Professor of Electrical Engineering
Dr. Nada Ledinko, Professor of Biology
Dr. Peter C. Preusch, Assistant Professor of Chemistry
Dr. Diana C. Reep, Assistant Professor of English
Dr. Edwin C. Rowland, Assistant Professor of Biology
Mr. Mark E. Soppeland, Assistant Professor of Art
Dr. Donald P. Story, Associate Professor of Mathematics

FACULTY TO BE ON PROFESSIONAL LEAVE 1984-85

For the 1984-85 Academic Year

Dr. Robert Gaebel, Associate Professor of Classics
Dr. Howard Greene, Professor of Chemical Engineering
Mr. Scott A. Johnston, Assistant Professor of Music
Dr. Lawrence Martin, Associate Professor of English
Mrs. Cheryl Morgan, Assistant Professor of Nursing
Dr. David O'Brien, Professor of Sociology
Dr. Louis Roemer, Professor of Electrical Engineering
Mr. Melvin C. Vye, Associate Professor of Electronic Technology

For the Fall Semester 1984

Mrs. Kristine M. Gill, Assistant Professor of Nursing
Dr. William M. Glazier, Professor of Surveying and Construction
 Technology; Professor of Construction Technology
Mrs. Susan Schunk, Instructor in Modern Languages

For the Spring Semester 1985

Dr. John Houser, Professor of Chemistry
Mr. James V. Lenavitt, Associate Professor of Art
Dr. Thomas Nash, Professor of Geography
Dr. Stephen J. Thompson, Associate Professor of Education

UNIVERSITY DATES

- February 10 Theatre Series presents Della Reese in "Blues in the Night", Thomas Hall, 8:15 p.m.
- February 11 Twentieth anniversary observance of the Community and Technical College, dinner, Gardner Student Center, 6:30 p.m.
- February 12 John R. Buchtel Society First Annual Recognition Dinner, Tangier, 6:30 p.m.
- February 14 Founders Day wreath ceremony, Buchtel Hall lobby, 11 a.m.
- February 16 University Steel Drum Band, with Leonard Moses, guest artist from Trinidad, and Dr. Larry Snider, conducting, Guzzetta Recital Hall, 8:15 p.m.
- February 17-18 Ohio Ballet, Thomas Hall, 8:15 p.m.
- February 19 World-at-Our Door Travelog with Willis Butler narrating his color film, "Denmark", Thomas Hall, 2:30 p.m.
- February 23 Women's basketball, Akron vs. Tennessee Tech, Health and Physical Education Building, 5 p.m.
- Basketball, Akron vs. Tennessee Tech, Health and Physical Education Building, 7:30 p.m.
- February 23-25, University Theatre presents "The Scarecrow", Kolbe Theatre, March 1-3 8:15 p.m.
- February 25 Women's basketball, Akron vs. Middle Tennessee, Health and Physical Education Building, 5 p.m.
- Basketball, Akron vs. Middle Tennessee, Health and Physical Education Building, 7:30 p.m.
- The University Orchestra, conducted by Dr. Richard Duncan, Guzzetta Recital Hall, 8:15 p.m.
- February 28 The Akron Symphony Orchestra, Rafael Druian, violinist, with Alan Balter conducting, Thomas Hall, 8:15 p.m.
- March 1 Regular meeting of University Council, Leigh Hall 307, 3 p.m.
- March 2 Gold Series presents "The Canadian Brass", Thomas Hall, 8:15 p.m.
- March 5 Cabaret Series presents "Pump Boys and Dinettes", Thomas Hall 8:15 p.m.
- March 13 The Akron Symphony Orchestra with Gunther Schuller conducting; Olga Kuehl, piano, Thomas Hall, 8:15 p.m.
- March 14 Classic Dance Series presents "Cinderella" with the Oakland Ballet, Thomas Hall, 8:15 p.m.
- March 15 Theatre Series presents "Oliver", Thomas Hall, 8:15 p.m.
- March 16 University Concert Choir, with Kellie Curtis conducting, Guzzetta Recital Hall, 8:15 p.m.
- March 17 Ohio Conference Jazz Festival, Thomas Hall, 9 a.m. to 5 p.m.
- Vocal Jazz Festival, Richard Shanklin, Director, Guzzetta Recital Hall, 9 a.m. to 6 p.m.
- March 18 World-at-Our-Door Travelog, Rome and the Romans", narrated by Clay Francisco, Thomas Hall, 2:30 p.m.

MINUTES OF MEETING OF UNIVERSITY COUNCIL, February 2, 1984

The regular meeting of the University Council was called to order by the Chairman, Senior Vice President Noel L. Leathers, at 3 p.m. on Thursday, February 2, 1984, in Leigh Hall 307.

Fifty-two of the 73 members of Council (including three ex officio for 1983-84) were present. Those absent with notice were: Dean H. K. Barker, Dr. Michael d'Amico, Miss Dorothy Dobrindt, Dr. Michael Faron, Dean Claibourne E. Griffin, President D. J. Guzzetta, Dr. Wallace Nolin, Dr. Charles Poston, Dr. James Richardson, Dr. W. A. Rogers, Dr. Rita Saslaw, Mr. Richard Shirey, Dean Tyrone Turning. Others absent were: Mr. James Campbell, Mr. Richard Kovach, Mr. Joseph Lentini, Miss Barbara McCrea, Miss Shelly Misko, Miss Marla Tell, Dr. Wyatt Webb, Dr. John Works.

Before proceeding to the first item on the agenda, the Chairman called attention to the attendance roster which was being circulated and emphasized the importance of signatures, saying that the minutes of the December meeting reflected two members, Mr. David Brink and Mrs. Martha Vye, as being absent when in reality they were present, but had not signed the roster.

Dr. Leathers then called for consideration of the minutes of the regular meeting of University Council of December 1, 1983, as printed in The University of Akron Chronicle of December 15, 1983.

Hearing no objections, the minutes were declared approved as circulated.

Inasmuch as President Guzzetta was attending meetings in the Southwest and there were no items under "Special Announcements", Dr. Leathers continued with the agenda, calling upon Dr. Charles Dye for the report from the Procedural Committee.

Dr. Dye said that the Procedural Committee had met on Wednesday, January 4, 1984 at 10 a.m. in the Blue and Gold Room in Buchtel Hall to establish the election process and set the agenda for the special meeting of University Council on Thursday, January 19. Also, at that meeting, the Procedural Committee set the agenda for today's regularly scheduled meeting.

Dr. Watt, reporting for the Academic Policies, Curriculum and Calendar Committee, had no curriculum proposals to submit for approval. He said, however, that proposals are now being circulated for attention at the March and April meetings of University Council. Referring to the review and possible revision of the Student Disciplinary Procedures which had been assigned to both the Academic Policies, Curriculum and Calendar Committee and the Student Affairs Committee, Dr. Watt told Council that Dean Hansford would incorporate that report in his presentation from the Student Affairs Committee.

In Dean Barker's absence, there was no report from the Athletics Committee.

Mrs. Pritchard reported that the Campus Facilities Planning Committee met on Monday, January 23, 1984. Dr. Richard Klosterman from the Department of Urban Studies discussed with the committee a proposal for a computerized enrollment projection model. Mr. Stuart Terrass cited the current procedures used at the University to project enrollments. The committee supported the concept of developing an adequate enrollment projection model and voted to go on record as saying Dr. Klosterman's model could be very helpful if used in conjunction with developing a long-range facilities guide plan for the University. Mr. Bowles reported on the status of current capital plans. Mrs. Pritchard moved acceptance of this report. The motion carried.

MINUTES OF MEETING OF UNIVERSITY COUNCIL, February 2, 1984, continued

Dr. Makar had no report from the Faculty Rights and Responsibilities Committee.

In Mr. Kovach's absence, there was no report from the Faculty Well-Being Committee.

Dr. Jones had no report from the Library and Learning Resources Committee.

Dr. Susan Daniels, speaking for the Reference Committee, reported that the committee met on January 25 and January 30 to finalize recommendations for changes in the Faculty Manual. In compliance with the charge to the committee that this report be submitted to University Council at the February meeting each year, the report is being circulated today for consideration prior to action at the March meeting. Although some of the changes are editorial, there are other, more substantial changes, so the Reference Committee urges Council to study the proposal carefully.

At the conclusion of Dr. Daniels' report, the Chairman told Council that copies would be mailed to all absentee members for their consideration prior to the March meeting, when this report would be an item on the agenda.

Dean Walton had no report from the Research (Faculty Projects) Committee, but reminded Council that the deadline for receipt of Faculty Research Grants is February 22, 1984 for projects starting after March 15, 1984.

Dean Hansford, speaking for the Student Affairs Committee, reported that the Academic Policies Subcommittee and the Extracurricular Activities Subcommittee met jointly on January 24, 1984 to consider the proposed revisions of the Student Disciplinary Procedures.

Separate meetings of the two subcommittees were held on January 31 to continue the study of the proposed changes. A second joint meeting of the two subcommittees has been scheduled for February 7 to continue the consideration of the proposed changes in the procedures.

In answer to a question from the Chair, Dean Hansford said that the procedures, dating from the late 1960s, are too legalistic, expensive and cumbersome for the 1980s. The subcommittees are trying to draw up a document more in line with campus problems as they are today and still guarantee "due process" for all students involved in disciplinary matters. Dean Hansford then moved acceptance of the report. The motion carried.

Dr. Linda Moore circulated the report of the meeting of the Faculty Advisory Committee to the Chancellor of the Ohio Board of Regents. (The complete report is printed in the Appendix to these Minutes.) She told Council that FAC had requested a meeting with a representative from the Search Committee to discuss the characteristics and criteria that would be used in the search for a Chancellor. Amazingly enough, a reply was forthcoming, and although a meeting was not possible, the Search Committee said it would welcome any input from FAC. Consequently, the Faculty Advisory Committee seized this opportunity and constructed what they felt to be important criteria to consider in the selection of a Chancellor. In general, FAC felt highly complimented on such a prompt response to the original inquiry. The second item of particular importance at the morning session was the report from Duane Rogers which concerned the parcelling of money and how initial decisions are made. Mr. Rogers gave each member of the committee the 1983 edition of the Basic Data Series for State Universities. A copy of this publication has been placed on the reserve list in the University Library for one-day checkout for the rest of this semester.

The afternoon session with Acting Chancellor Coulter was a very informal meeting. Governor Celeste's State of the State address was discussed and the Acting Chancellor

MINUTES OF MEETING OF UNIVERSITY COUNCIL, February 2, 1984, continued

seemed pleased that the governor was responding positively to some concerns about higher education. Dr. Moore moved acceptance of the report. The motion carried.

Dr. Leathers told Council that there will be another Formula Review conducted this spring. As a member of the review panel, he will need to attend about 15 meetings in Columbus, but it is hoped the review can be completed by the first of June. One of the gaps in the formula is in the area of equipment, which includes computers and, also, library support.

The Chair then recognized Dr. Gerlach, who asked several questions for referral to an appropriate committee:

Question 1: is there something at work in this University akin to the royal prerogative described by Blackstone in his Commentaries on the Common Law, Volume I, published first in 1765—"Royal Prerogative: That special preeminence, which the King hath, over and above all other persons, and out of the ordinary course of the common law, in the right of his regal dignity."

Was a prerogative power taken to justify acts by the Crown beyond the accepted bonds of the established authority if a situation seemed to warrant such an action? That question is asked because, from time to time, there seems to be signs of this at work—probably on the basis that "the situation seems to warrant it."

Question 2: By what warrant were calendar changes made, specifically with regard to the Martin Luther King observance, without University Council action?

Question 3: By what warrant is the Center for Fire Research established?

Question 4: By what warrant is the Department of Polymer Engineering established?

Question 5: By what warrant is the Department of Biomedical Engineering established?

Question 6: From the dim past, by what warrant was the College of Fine and Applied Arts established without a by-your-leave from Buchtel College or University Council back in those dim, distant days?

Dr. Gerlach said all of these relate to questions of policy and whether or not we have a policy. If we do not, shouldn't we have one? If we do have one, shouldn't it somehow be changed? As an example, Dr. Gerlach referred to the most recent change of the calendar on the Martin Luther King holiday, saying that a number of his colleagues were caught off guard, as he was, by getting the news late concerning the cancelling of certain classes. It proved troublesome to observe the day by only partial dismissal of classes. When segments out of the day are selected, it interferes with the academic process, infringing on the main business of the University and, also, on certain rights and responsibilities of the faculty and students in given classes. He asked that these questions be taken up by an appropriate committee and, since they seem to be mainly policy matters, he moved that the six questions be referred for investigation to the Academic Policies, Curriculum and Calendar Committee of University Council. Dr. Jackson seconded the motion. The motion carried.

The Chairman asked Dr. Gerlach to put his questions in writing for the Academic Policies, Curriculum and Calendar Committee.

There being no other business, the meeting was adjourned at 3:30 p.m.

MINUTES OF SPECIAL MEETING OF UNIVERSITY COUNCIL, January 19, 1984

A special meeting of the elected members of the University Council was called to order by Dr. Noel L. Leathers on Thursday, January 19, 1984, at 3 p.m., in Leigh Hall 307.

Thirty-eight of the forty-three elected members were present. Those absent were: Dr. Barbara Armstrong; Dr. Ann Britton (she was excused); Miss Elaine Drugan; Dr. Judith Noble (she left prior to elections); Dr. James Richardson. Several faculty visitors were present.

The Chairman said that this special meeting had been called for the single purpose of selecting the three members of the faculty who were to serve on the Presidential Search Committee. Before starting the selection process, however, Dr. Leathers introduced Mr. John Steinhauer, Vice Chairman of the Board of Trustees, Chairman of the Finance Committee of the Board, and designated as Chairman of the Presidential Search Committee.

Mr. Steinhauer thanked the Chairman for the opportunity to speak to University Council prior to the elections, saying that he wanted to outline briefly the duties of the Search Committee as he saw them. With the election of three faculty members today, membership will be complete and he expects to hold the first meeting on Monday, January 23, 1984. He said his intention is to subdivide the committee into three subcommittees of three, three, and four members with himself as a member of each. Each subcommittee will have a primary responsibility and also an equal opportunity to interview candidates with the committee to recommend three outstanding candidates to the Board of Trustees for their consideration. The time table for final selection is the end of May, which will give ample transition time, since Dr. Guzzetta remains as President through August. While search will be conducted in the traditional manner, a professional firm will also be used, and Mr. Steinhauer asked that all members be given as much input and consideration in the process as possible so that all phases of the time schedule can be met. Concluding his remarks, he again expressed his appreciation to the Chairman and to Council for the time and attention given him.

Dr. Gerlach asked for the floor and stated that he wished to propose a slight revision to the nomination process before casting ballots by suggesting that a brief statement of the qualifications and background of the nominee be presented by the nominator.

Dr. Saslaw agreed that a brief outline of the qualifications and background of the faculty member nominated is a good idea.

The Chairman then entertained nominations from the floor for the faculty membership on the Presidential Search Committee, recording the names on the blackboard as called.

Dr. William McGucken nominated..... Dr. Dale Jackson, Professor of Biology
and Head of the Department
(representing Arts and Sciences)

Dr. Philip Gerhart nominated..... Dr. Tse Yung (Paul) Chang, Professor of
Civil Engineering
(representing Engineering)

Dr. Linda Moore nominated..... Mr. David Jamison, Associate Professor of
Communication and Head of the Department
(representing Fine and Applied Arts)

It was moved that the nominations be closed. The motion was seconded and carried.

In compliance with Dr. Gerlach's revision, the following statements were made regarding the three nominees:

MINUTES OF SPECIAL MEETING OF UNIVERSITY COUNCIL, 1/19/84, continued

- Dr. McGucken—nominate Dr. Jackson because of his wide experience on campus (since 1961) and because his colleagues have repeatedly elected him to University Council. He has served on various Council committees, at present on the Procedural Committee and the Faculty Rights and Responsibilities Committee and has represented the University on the Faculty Advisory Committee to the Chancellor of the Ohio Board of Regents. He has had considerable service on search committees over the years—for a Dean of the Buchtel College of Arts and Sciences; a Vice President and Provost, and a Director of the Institute for Biomedical Engineering Research.
- Dr. Gerhart—nominate Dr. Chang who has been a member of the faculty at the University since 1970, is a full professor and has been named an outstanding researcher on campus.
- Dr. William Arbuckle—support Dr. Gerhart's nomination. Dr. Chang serves at the present time on the Faculty Advisory Committee to the President and on the Research (Faculty Projects) Committee of University Council. He is highly esteemed by both students and faculty in the Department of Civil Engineering.
- Dr. Moore—nominate Mr. Jamison because he is a faculty-oriented person. He has served over twelve years, since 1972, at the University and has been selected as one of the University's outstanding teachers. He served for a number of years on the Faculty Advisory Committee to the Chancellor of the Ohio Board of Regents and has been a member of several faculty search committees.

The Chairman appointed two tellers: Dr. Don Gerlach and Mr. Joseph Lentini. They collected the individual ballots from the thirty-eight voting members.

Upon completion of the tabulation, Dr. Gerlach reported that thirty-eight votes were cast for the first seat on the Search Committee as follows:

Dr. Dale Jackson, Arts and Sciences	20
Dr. Paul Chang, Engineering	8
Mr. David Jamison, Fine and Applied Arts	10

Dr. Jackson, with the majority of votes, is elected to the first seat on the Search Committee.

- Dr. Wallace Nolin nominated..... Mr. David Jamison, Associate Professor of Communication and Head of the Department (representing Fine and Applied Arts)
- Dr. Philip Gerhart nominated..... Dr. Tse Yung (Paul) Chang, Professor of Civil Engineering (representing Engineering)
- Dr. Alan Krigline nominated..... Mr. James E. Inman, Professor of Business Law and Director of Graduate Programs in Business (representing Business Administration)
- Dr. Rita Saslaw nominated..... Dr. Charles Dye, Professor of Education (representing Education)

Dr. Krigline—nominate Mr. Inman, who has been at The University of Akron since 1966; five years in business and economics; has a law degree from The University of Akron and eighteen years teaching experience.

MINUTES OF SPECIAL MEETING OF UNIVERSITY COUNCIL, 1/19/84, continued

Dr. Saslaw--nominate Dr. Dye who has been at The University of Akron for thirteen years, is Director of Graduate Studies and has been elected by his colleagues to University Council four times. At present, he is serving on the Procedural Committee of University Council as elected secretary.

It was moved that the nominations be closed. The motion was seconded and carried.

The tellers again collected the individual ballots. Upon completion of the tabulation, Dr. Gerlach reported that the thirty-eight votes were cast as follows:

Mr. David Jamison, Fine and Applied Arts	6
Dr. Paul Chang, Engineering	11
Mr. James Inman, Business Administration	16
Dr. Charles Dye, Education	5

Following the process established by the Procedural Committee, votes were cast for the top three for the second seat on the Search Committee, with the tellers tabulating the following results:

Mr. David Jamison, Fine and Applied Arts	9
Dr. Paul Chang, Engineering	17
Mr. James Inman, Business Administration	12

Dr. Gerlach moved that the procedure be modified by casting votes for the two highest instead of the three. The motion was seconded and carried.

The tellers collected the individual ballots and completion of the tabulation resulted in the following:

Dr. Paul Chang, Engineering	18
Mr. James Inman, Business Administration	20

The Chairman declared Mr. James Inman as being elected to the second seat on the Search Committee.

The Chairman then entertained nominations from the floor for the third seat on the Search Committee.

Dr. Howard Slaughter nominated..... Mr. David Jamison, Associate Professor of Communication and Head of the Department (representing Fine and Applied Arts)

Dr. Rita Saslaw nominated..... Dr. Charles Dye, Professor of Education (representing Education)

Dr. Philip Gerhart nominated..... Dr. Tse Yung (Paul) Chang, Professor of Civil Engineering (representing Engineering)

It was moved that the nominations be closed. The motion was seconded and carried.

The tellers collected the ballots and counted the votes; reporting the following:

Mr. David Jamison, Fine and Applied Arts	14
Dr. Charles Dye, Education	5
Dr. Paul Chang, Engineering	19

MINUTES OF SPECIAL MEETING OF UNIVERSITY COUNCIL, 1/19/84, continued

Dr. Gerlach again moved to vote for the two highest nominees. The motion was seconded and carried.

After collecting the ballots and counting the votes, the tellers reported the following

Mr. David Jamison, Fine and Applied Arts	18
Dr. Paul Chang, Engineering	20

The Chairman declared Dr. Paul Chang as being elected to the third seat on the Search Committee. He announced the following three faculty members being elected to represent the faculty on the Presidential Search Committee:

Dr. Dale L. Jackson, Professor of Biology and
Head of the Department, representing
the Buchtel College of Arts and Sciences

Mr. James E. Inman, Professor of Business Law and
Director of Graduate Programs in Business,
representing the College of Business Administration

Dr. Tse Yung (Paul) Chang, Professor of Civil Engineering,
representing the College of Engineering

The meeting was adjourned at 4:05 p.m.

APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84, continued

REPORT ON THE UNIVERSITY HONORS PROGRAM

By Dr. Arno K. Lepke, Master, University Honors Program, February 1984

The University Honors Program, now in its ninth year, continues to attract ambitious and achievement oriented students from all points of our recruiting area and other parts of the country. Two hundred and sixty-six (266) candidates (versus 235 in 1982) applied for admission in spring and summer 1983. Two hundred and twenty-one (221) of them met eligibility criteria, were interviewed by the seven members of the University Honors Council and rank ordered as selectees (169), alternates (40), or declared ineligible (12). The entering class of 120 freshmen and 17 sophomores joined 182 continuing students for a total honors enrollment of 323 at the beginning of the 1983 fall semester.

Meanwhile, five seniors graduated as University Scholars in January 1984, six sophomores on "grace period" scholarships failed to achieve the required interim scholarship accum and two students withdrew for personal reasons. As may be seen below, our 310 students major in 37 baccalaureate degree programs of six colleges at this time. More specifically, the following interim developments should be of interest to the academic community at this point.

1983 Graduates

Forty-two (42) seniors (versus 37 in 1982) graduated as the fifth class of University Scholars in January (4) and May (38), 1983. They majored in 17 departments of seven colleges as shown below.

Arts and Sciences

Biology	7	
English	2	
Mathematical Sciences:		
Computer Science	3	
Mathematics	1	
Statistics	1	5
Philosophy		1
Political Science		3
Psychology		<u>2</u>
Total		20

Business Administration

Accounting	4	
Finance	<u>1</u>	
Total		5

Community and Technical

Electronic Technology	1	
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Education

Secondary Education	1	
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APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84, continued

REPORT ON THE UNIVERSITY HONORS PROGRAM, continued

1983 Graduates (continued)

Engineering

Chemical Engineering	3	
Electrical Engineering	1	
Mechanical Engineering	<u>4</u>	
Total		8

Fine and Applied Arts

Music	1	
Social Work	1	
Theatre Arts & Dance	<u>1</u>	
Total		3

Nursing 4

TOTAL 42

All seniors completed honors projects, copies of which are on file in the Honors Office. John Hoag, a computer science major, was invited to present papers on his research in psychophysiology at both national and regional professional conferences. Eric Wagner's research focused on the reliability of diagnostic instruments to measure personality differences. His findings were recognized and published by the journal Perceptual and Motor Skills. In the humanities spectrum, Joseph Brownlee received the Outstanding Composer Award at the 1982 Ohio Conference Jazz Festival. One English major plans on a career in creative writing while another graduate in philosophy hopes to pursue further studies in philosophy and theology which may lead to the ministry. Printed reports on the topics of all senior honors projects are available in the Honors Office.

Ten students failed to meet all honors requirements and graduated as regular seniors.

Academic Performance

The four classes posted 1983 spring semester grade point averages as follows:

76 Freshmen	3.437
56 Sophomores	3.571
76 Pre-Juniors & Juniors	3.586
<u>49 Seniors</u>	<u>3.571</u>
257	

The average accum for all 257 students was 3.541.

Forty-three (43) students, including 31 freshmen, five sophomores, four juniors and three seniors failed to achieve the required minimum accum at the end of the 1983 spring semester. Thirty-three (33) of them disqualified for the renewal of their scholarships.

APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84, continued

REPORT ON THE UNIVERSITY HONORS PROGRAM, continuedAcademic Performance (continued)

Ten freshmen whose accums were below 3.40 but above 3.25 qualified for a one-semester "grace period" scholarship which may be renewed at the end of the third semester if a 3.30 accum has been achieved by then. Beginning with the fourth semester, the annual renewal of honors scholarships requires a 3.40 accum of all students who were admitted after January 1, 1982. Eight former honors students qualified for readmission between May and August, 1983.

Recruitment

Copies of our honors brochure and of other pertinent announcements are regularly distributed by the Admissions Office throughout the University's recruiting area to reach all high school seniors with outstanding academic qualifications. There are follow-up visits by the members of the Admissions staff to explain the program in detail and to answer whatever questions there might be. Eligibility requirements include a minimum high school grade point average of 3.50, SAT or ACT scores which place the applicant above the 90th percentile of freshman college norms in the field of interest, and a good standing in the high school senior class.

One hundred and thirty-seven (137) candidates accepted their honors appointments. One hundred and thirty-three (133) of them graduated from 91 high schools in Ohio. Four out of state students attended schools in New Jersey (1), Pennsylvania (1), Wisconsin (1), and Switzerland (1). The 137 members of the entering class plan to major in 23 departments of six degree-granting colleges, with a large majority oriented toward engineering or natural and mathematical sciences programs. Women outnumber men, seventy-one (71) to sixty-six (66) as they presently do in the total University Honors Program, 156 to 154.

Total Enrollment

The 310 students who are currently enrolled in the University Honors Program are distributed in thirty-seven (37) major programs of the six degree-granting colleges as shown in the chart below:

Class of	1984	1985	1986	1987	1988	Total
Arts and Sciences	13	21	27	45	0	106
Business Administration	16	4	9	12	0	41
Education	4	6	2	6	0	18
Engineering	11	16	18	12	42	99
Fine and Applied Arts	4	6	7	5	0	22
Nursing	4	7	4	7	0	22
Undecided	0	0	1	1	0	2
Total	52	60	68	88	42	310

Since most of our engineering students are enrolled in the five-year co-op program, the chart reports five graduating classes for that major.

APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84, continued

REPORT ON THE UNIVERSITY HONORS PROGRAM, continued

Program Components

Colloquia

Participation in three honors colloquia is required "to provide opportunities for all honors students to meet together and to explore the breadth and interrelations of academic studies."

In the social sciences, Dr. Gary Gappert's fall and spring sections focus(ed) on the nature of advanced industrial society and the development of futuristic perspectives. One of two additional spring semester sections explores public policy research in the social sciences under the guidance of Dr. David Cox. The third section, conducted by Dr. Don Gerlach, gravitates around selected readings on the art of historical detection. Two fall semester sections of the senior level colloquium on the natural sciences were offered by Dr. Roger Keller who continued to review ways in which modern science envisages and prepares for an uncertain future. Two additional spring semester sections emphasize current breakthroughs in science and are jointly conducted by Drs. Lindgren Chyi and Robert Corbett. As in previous years, numerous faculty members contribute as guest speakers to these discussion programs. Man's search for meaning as projected by representative writers of various periods continues to be the major theme for the humanities colloquium. Three sections per semester are led by Professors Julia Hull, Helen Ryan and Arno Lepke. As their foremost objective, the colloquia seek to develop an integrative understanding, especially of areas which lie outside the student's major field and may have been excluded from his previous sphere of intellectual curiosity. All colloquia are one semester, two credit courses.

Senior Honor Project

All seniors who expect to graduate with the citation "University Scholar" must complete a senior honors project. Fifty-two (52) candidates for this recognition are presently engaged in the research for and the writing of these projects, or have completed them, in twenty-one (21) departments, divisions or colleges as shown below:

Arts and Sciences

Biology		4	
Chemistry		2	
Classics		1	
Mathematical Sciences:			
Computer Science	1		
Mathematics	2	3	
Natural Sciences		1	
Psychology		1	
Sociology		<u>1</u>	
Total			13

Business Administration

Accounting		8	
Finance		1	
Management		3	
Marketing		<u>4</u>	
Total			16

APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84, continued

REPORT ON THE UNIVERSITY HONORS PROGRAM, continued

Senior Honor Project (continued)

Education

Elementary	2	
Secondary	<u>2</u>	
Total		4

Engineering

Chemical Engineering	3	
Civil Engineering	1	
Electrical Engineering	2	
Mechanical Engineering	<u>5</u>	
Total		11

Fine and Applied Arts

Communicative Disorders	1	
Graphic Design	1	
Mass Media/Communication	<u>2</u>	
Total		4

Nursing

	<u>4</u>	
TOTAL		52

Honors Recognition Dinner

Graduating University Scholars are recognized at the annual honors banquet where our graduates have the opportunity to share their final convocation with their parents and members of the faculty and administration. The May 20, 1983 honors recognition dinner was highlighted by a presentation by Dr. George Knepper whose topic was "You're Only Half Way Home". This year's event is scheduled for Friday, May 18, 1984. The speaker will be Dr. Lillian DeYoung, Dean of the College of Nursing. Invitations will again be extended to the parents of our graduates who will welcome the opportunity to share a ceremony which, in recognizing their sons and daughters, acknowledges their own contributions to their success as well.

Program Administration

University Honors Council

The University Honors Council meets regularly to review the progress of the University Honors Program and to take action on all matters which fall under its jurisdiction. Eight faculty members and two students serve as representatives for the 1983-84 academic year. They are:

APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84, continued

REPORT ON THE UNIVERSITY HONORS PROGRAM, continued

University Honors Council (continued)

Faculty:

Dr. Larry Bradley	Education
Dr. Thomas Brittain	Community and Technical
Dr. Clarence Drennon	Engineering
Dr. Joseph Latona	Business Administration
Dr. Arno Lepke	Humanities
Mrs. Elizabeth Misko	Nursing
Dr. Howard Slaughter	Fine and Applied Arts
Dr. Robert Terry	Social Sciences

Student Representatives:

Miss Denise Herron	Nursing	Senior
Mr. John Bozsony	Electrical Engineering	Junior

Preceptors

Faculty Preceptors serve as special honors advisers in all departments or divisions in which honors students major. They meet with entering honors freshmen throughout the summer orientation season, assist in the selection of courses which are appropriate for the distribution requirement, in the development of the major program, the formulation of an appropriate senior honors project, as well as in all other aspects of academic and professional planning. Forty-four (44) faculty representing seven colleges and 40 academic units serve in this advisory capacity this year. The Master consults with the Preceptors in all matters which affect the student's academic performance and the completion of requirements for graduation as a University Scholar.

Honors Club

The Honors Club was established in 1981 "to provide exposure to the arts and sciences, group activities, opportunity to form friendships, and to serve as a forum for discussion of ideas and opinions". As in previous years, The Publius, an honors newsletter, publishes essays and poetry contributed by members while inviting points of view on current topics to be debated at special meetings in the Honors Center. Upperclassmen work closely with members of the freshman class to help them adjust to campus life and the manifold expectations of the new environment. Last year, a three-day spring trip to Toronto concluded the various social activities of the Club. Tentative plans for the 1984 spring semester call for another "cultural weekend" to be divided between the Cleveland Museum of Art and the Cleveland Symphony Orchestra. Preparations are also under way for a field trip to Philadelphia and tours of historical sites, monuments and museums. Miss Lori Pulley, senior honors student in Marketing, was elected President of the Club for the 1983-84 academic year.

For further information on the University Honors Program, call Dr. Arno K. Lepke, East Hall 107, extension 7423 or 7966.

APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84, continued

REPORT OF THE UNIVERSITY OF AKRON REPRESENTATIVE TO THE FACULTY ADVISORY COMMITTEE TO THE CHANCELLOR OF THE OHIO BOARD OF REGENTS—Dr. Linda Moore

Meeting of January 18, 1984

This report is quoted directly from the official minutes of the meeting as recorded by Dr. Stuart R. Givens, secretary:

MORNING SESSION

Chancellor Selection—FAC discussed its reaction to a letter received by Chair Jacob from William Swank, Chair of the Chancellor Search Committee. The letter was in response to FAC's offer to meet with Swank or the committee concerning the choice of a Chancellor. The general feeling was that while the committee did not want to meet with FAC, Swank was willing to talk with Chair Jacob. FAC asked Jacob to make contact and to indicate its feelings that the next Chancellor should ideally be a person who had: a good academic background; demonstrated administrative and managerial skills; a proven record of being an advocate for higher education; excellence in communication; and, a grasp of finance. The Chair was also instructed to inform Swank that FAC would be happy to meet at the earliest moment with the Chancellor after he was named.

Bylaws of FAC—Dick Boyer passed out material that gave a brief historical insight into the history of FAC. Included were the Bylaws of FAC. It was agreed that the members should review the material and be prepared to discuss, and possibly revise, the Bylaws at the next meeting.

H.B. 410—FAC was told that both Ohio University and the University of Toledo had Board approval of the five-year STRS buy-out for retirement. Miami reported that its Board had agreed, as previously mentioned, but only for a three-year buy-out.

STRS—P. Jastram stated that Professor Bickelhaupt of Ohio State University was running for a second term on the STRS Board. He urged all members to encourage faculty to vote for him, since he is both competent and the only representative of higher education on the boards.

OBOR Information Reporting System—Duane Rogers made a presentation to FAC of the rationale and uses of the OBOR Information Reporting System. He said that the rationale for collecting data was the legislative mandate that OBOR advise the Governor and the Legislature about the operating and capital needs of higher education in Ohio. Additionally, data are necessary for determining the funding models of each institution. The three major components of the Information System are:

1. the four elements of input-enrollment data, staffing data, financial data, and physical plant data;
2. the analysis of the resource data which results in both inventory and public information reporting and a formula model building matrix, and
3. the determination of the actual flow of expenditure allocations.

Rogers admitted that there are variations in reporting, but asserted that the end product was a generally useful system-wide information base.

APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84, continued

REPORT OF THE UNIVERSITY OF AKRON REPRESENTATIVE TO THE FACULTY ADVISORY COMMITTEE TO THE CHANCELLOR OF THE OHIO BOARD OF REGENTS, continued

AFTERNOON SESSION

ACC and the Governor—Acting Chancellor Coulter was asked about his relations with Governor Celeste to date. He replied that he had been asked to attend and take part in the cabinet meetings, and that, so far, he has found the governor to be most open and supportive.

Capital Funding—A prolonged discussion on capital improvement funding grew out of a question concerning the ruling by the Director of the Budget that all capital improvements had to have twenty percent local funding. ACC stated that the director had indicated that exceptions could be made which have made the whole issue unclear. The tenor of the comments indicated that the rule would not be a major problem. ACC reminded FAC of the long standing concern of OBOR over the growing debt retirement demands on the general funds resulting from capital improvement bond sales. He stated that currently that amounted to approximately 11.5% of appropriations to higher education.

He further reminded FAC that in recent bienniums the control influence of OBOR over capital funds for higher education had been lessened. The Legislature, he asserted, had appreciably increased funding beyond that which OBOR felt wise. He indicated that OBOR used as a rule of thumb the amount of one quarter of a billion dollars per biennium for capital improvements with approximately 80% earmarked for upkeep, repair, rehabilitation, and utility improvements. The quarter billion figure was based on maintaining a modest increase only in debt interest.

ACC told FAC that OBOR had received capital improvement requests for the coming biennium from all institutions in the state in the amount of \$800 million.

State of the State Message—ACC had just returned from hearing the governor deliver his State of the State Message. He was quite pleased with the emphasis placed on education, and especially on higher education. He reported that the governor called for excellence in education, for increased relationships between business and education, and for an increased recognition of the importance of higher education to the economic strength of Ohio. He added that Governor Celeste spoke glowingly of the eminent scholar program and the programs of excellence. ACC was most encouraged by the decision of the governor to study the problems confronting Ohio and to address them on a long-term basis. He concluded by further indicating pleasure with the educational emphasis since, he believes, that most political leaders really only set their major themes once.

Fee Waivers—ACC was asked for an update on the enquiry concerning dependent fee waivers. He had no new information other than that the Legislative Service Commission had conducted a survey on the question. He concluded by indicating that he thought that it was only another appearance of a question which is raised periodically.

Biennial Budget—ACC averred that OBOR was interested in developing a strong sustaining budget for the next several bienniums. If the economy continues to improve OBOR would like to increase support in general, lessen the student contribution share, and further support areas of excellence. He asked FAC for ideas concerning especially that of excellence.

Central State—ACC stated that the last contact OBOR had had on the civil rights issue regarding Central State was a visit in September 1983 from two attorneys from the Justice Department. Rubin Weston informed ACC that some individuals from Justice were currently visiting CSU.

APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84

CURRICULUM CHANGES

The following curriculum changes, in accordance with the Curricula Change process adopted by University Council on December 12, 1974, have had final approval by the Senior Vice President and Provost, or through specific vote by University Council, all effective September 1984 (unless otherwise noted).

BUCHTEL COLLEGE OF ARTS AND SCIENCES

AS-84-01

History		
Add	3400:419/519	Central America and the ^{Caribbean} Caribbean . 3 credits. Selected aspects of the histories of Central American and Caribbean countries with emphasis on populist and peasant movements, political reform, social revolution, economic and underdevelopment, and relations with the United States.
Add	3400:431/531	History of American Transportation. 3 credits. A survey of development of major transportation forms, water, road, rail and air. Special emphasis on technological change, social and economics trends, and government support and control.

AS-84-04

History		
Add	3400:360	The Vietnam War. 3 credits. An examination and evaluation of all aspects of the war in Vietnam, political, military, diplomatic, and economic, including its impact domestically then and later.
	3400:402/502	Special Studies in History. 3 credits. Includes experimental and interdisciplinary studies, as well as those subjects that are not listed in this Bulletin. See departmental office for information on particular offerings.
	3400:406/506	The American Revolutionary Era: Political, Military, and Constitutional Aspects. 3 credits. The struggle for the rights of Englishmen and independence; the impact of war on American society, and the creation of republican institutions.
	3400:414/514	History of Canada. 3 credits. Survey of Canadian history from the age of the explorers to the present. Special emphasis will be placed on the history of French-Canadians, on economic development and on Canadian-American relations.

AS-84-05

Chemistry		
Add	3150:497	Honors Project in Chemistry. 2 credits. (May be repeated for a total of eight credits.) Prerequisite: junior or senior standing in Honors Program, permission of department honors preceptor. Independent research leading to completion of honors thesis under guidance of honors project adviser.

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CURRICULUM CHANGES

Drop	3150:609	<u>Microquantitative Organic Analysis.</u>
	3150:622	<u>Advanced Preparations II.</u>
	3150:625	<u>Colloid Chemistry.</u>
	3150:638	<u>Advanced Physical Chemistry Laboratory I</u>
	3150:639	<u>Advanced Physical Chemistry Laboratory II.</u>
	3150:651	<u>Quantum Chemistry I.</u>
	3150:652	<u>Quantum Chemistry II.</u>
	3150:670	<u>Chemical Microscopy and Microchemical Analysis.</u>
	3150:688	<u>Advanced Chemical Thermodynamics.</u>
	3150:691	<u>Advanced Instrumental Analysis.</u>
AS-84-06		
<u>Philosophy</u>		
Number,	3600:223	<u>Value Theory. 3 credits. TO</u>
Title,	3600:323	<u>Advanced Topics in Ethics. 3 credits. Prerequisite: One</u>
Description		<u>course in philosophy or permission of instructor. An</u>
		<u>examination of selected topics in Ethical Theory such as</u>
		<u>the Naturalistic Fallacy, Ethical Non-Cognitivism,</u>
		<u>Prescriptivism, Theories of Rights, Theories of</u>
		<u>Punishment, Nihilism, Relativism, Moral Skepticism.</u>
		<u>Specific topics will be announced in the course schedule.</u>
Add	3600:371	<u>Philosophy of Mind. 3 credits. Nature of mind and the</u>
		<u>relationship between mind and body. Specific topics such</u>
		<u>as the limits of human reason, personal identify, the role</u>
		<u>of human thought in action, and whether machines can</u>
		<u>think are also considered.</u>
AS-84-07		
<u>Modern Languages</u>		
Add	3250:497	<u>Individual Reading in Italian. 1-3 credits. Prerequisite:</u>
		<u>Permission of instructor.</u>
AS-84-08		
<u>Sociology</u>		
Description	3870:357	<u>Magic, Myth and Religion. 3 credits. TO Analysis and</u>
		<u>discussion of the data concerning the origins, roles and</u>
		<u>functions of magic and religion in a broad range of human</u>
		<u>societies, with emphasis on the non-Western, pre-industrial</u>
		<u>societies. Examination of belief and ritual systems of such</u>
		<u>societies.</u>
Title	3870:356	<u>New World Prehistory. 3 credits. TO</u>
	3870:356	<u>Archaeology of the Americas. 3 credits.</u>
	3870:463/563	<u>Types of Kinship and Social Organization. 3 credits. TO</u>
	3870:463/563	<u>Social Anthropology. 3 credits.</u>
	3870:151	<u>Physical Anthropology. 3 credits. TO</u>
	3870:151	<u>Evolution of Man and Culture. 3 credits.</u>
Number	3870:257	<u>Indians of South America. 3 credits. TO</u>
	3870:355	<u>Indians of South America. 3 credits.</u>

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CURRICULUM CHANGES

	3870:258	Indians of North America. 3 credits. <u>TO</u>
	3870:358	<u>Indians of North America.</u> 3 credits.
Add	3870:270	Cultures of the World. 3 credits. Prerequisite: 150 or permission of instructor. An examination of diversity in pre-industrial cultures; the ways in which cultures differ and the major processes which produce cultural differences.
AS-84-10 Sociology		
Add	3850:656	Medical Sociology. 3 credits. Permission of instructor. A general survey of the field of medical sociology with special emphasis on application of sociological concepts and methods as tools to aid in the analysis of health and health care in the contemporary urban United States.
Drop	3850:619	<u>Advanced Conceptual Analysis.</u> 3 credits.
AS-84-13 Geography		
Drop	3350:102	<u>Food, Energy and People.</u> 3 credits.
Add	3350:489/589	Special Topics in Geography. 1-2 credits. (May be repeated). Selected topics of interest in geography.
Number	3350:210	Physical and Environmental Geography. 3 credits. <u>TO</u>
	3350:310	<u>Physical and Environmental Geography.</u>
	3350:240	Maps and Map Reading. 3 credits. <u>TO</u>
	3350:341	<u>Maps and Map Reading.</u>
AS-84-14 History		
Add	3400:438/538	Bronze Age and Archaic Greece (3000-480 BC). 3 credits. An intensive survey of the history of Greece from the Neolithic period to the Persian Wars. Attention will be given to the nature of the source material, ancient historiography, text criticism, and the like.
Add	3400:439/539	Classical and Hellenistic Greece (480-146 BC). 3 credits. Prerequisite 438/538. An intensive survey of the history of Greece from 480 B.C. to the Hellenistic Age. Attention will be given to the nature of the source material, ancient historiography, text criticism and the like.
Add	3400:440/540	The Roman Republic. 3 credits. An intensive survey of the Roman Republic. Attention will be given to the nature of the source material, ancient historiography, text criticism, and the like.
Add	3400:441/541	The Roman Empire. 3 credits. Prerequisite 440/540. An intensive survey of the Roman Empire. Attention will be given to the nature of the source material, ancient historiography, text criticism, and the like.

APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84

CURRICULUM CHANGES

BUSINESS ADMINISTRATION

BA-84-05

Accounting

Credits 6200:495

Internship in Accounting. 3 credits. TO
(credit/non-credit).

COMMUNITY AND TECHNICAL COLLEGE

CT-84-08

Engineering & Science

Prerequi- 2940:210
site

Computer Drafting. 3 credits. TO Prerequisites:
2920:122, 2020:131 and 2940:151.

CT-84-09

Engineering & Science

Title 2920:339
2920:339

Advanced Shop Methods and Practice. TO
Advanced Technology of Machine Tools.

ENGINEERING

EN-84-01

Mechanical

Add 4600:420

Introduction to Finite Element Method. 3 credits.
Prerequisite: 336. Introduction to matrix and finite
element methods in mechanical engineering. Stiffness and
flexibility formulations in both solid mechanics and thermal
sciences. Basic finite element methods and its
implementation. Application of NASTRAN program. Pre-
and post-processing using interactive computer graphics.

Add 4600:631

Kinematic Design. 3 credits. Prerequisite: 321 and
permission of instructor. The geometry of constrained
motion. Analysis of relative plane motion using vectors
and the digital computer. Curvature theory. Synthesis
of linkages and gearing. Introduction to Computer Aided
Design.

Number 4600:400
4600:400/500

Thermal System Components. TO
Thermal System Components.

EN-84-02

Mechanical

Add 4600:633

Model Analysis in Vibration. 3 credits. Prerequisite:
630 or equivalent. Modal analysis theory and
measurement techniques, digital signal processing
concepts, structural dynamics theory, modal parameter
estimation with "hands on" experience in the application
of modal measurement methods in vibration analysis.

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CURRICULUM CHANGES

Add	4600:632	<u>Reliability in Design.</u> 3 credits. Prerequisites: 337 or equivalent, 3470:461/561. The reliability determination of mechanical components and systems and its use in design. Distribution, reliability determination, normal and log-normal theories, Weibull theory, life spectrum analysis, renewal theory and confidence limits.
Add	4600:635	<u>Stress Waves in Solids and Fluids.</u> 3 credits. Prerequisite: 531 or equivalent. The wave equation. Propagation of elastic-plastic stress waves through solid media. Transmission, reflection, absorption and diffraction phenomena. Low and high velocity impact. Dynamic fracture. Numerical simulation techniques.
Drop	4600:634	<u>Engineering Acoustics.</u>
EN-84-03 Electrical		
Co-requi- sites	4400:101	<u>Engineering Design.</u> 1 credit. <u>TO</u> Corequisites: 1100:111 and 3450:149.
EN-84-05 Polymer		
Add	4700:721	<u>Rheology and Processing Two-Phase Polymer Systems.</u> 2 credits. Prerequisites: 622 or equivalent. Particle - particle interactions, mixing devices and design, theoretical hydrodynamics of suspensions of rigid particles, experimental studies of rheological behavior, phenomenological theories representing suspension behavior, dispersion of droplets to form an emulsion, phase morphology development and rheological properties of blends.
	4700:797	<u>Advanced Topics in Polymer Engineering.</u> 2-3 credits. (May be repeated.) Prerequisite: Permission of instructor. Advanced special topics intended for Ph.D. students in Polymer Engineering.
EN-84-08 Chemical		
Credits	4200:701	<u>Advanced Transport Phenomena.</u> <u>TO</u> 3 credits.
	4200:721	<u>Topics in Energy Transport.</u> <u>TO</u> 3 credits.
	4200:736	<u>Polymer Engineering Topics.</u> <u>TO</u> 3 credits.
	4200:750	<u>Pollution Control Engineering.</u> <u>TO</u> 3 credits.
Credits Descrip- tion	4200:706	<u>Advanced Reaction Engineering.</u> <u>TO</u> 3 credits. Prerequisite: 605. Kinetics of heterogeneous systems, steady and unsteady state mathematical modeling of chemical reactors, fluidization, and additional topics drawn from current literature.

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CURRICULUM CHANGES

Title	4200:711	<u>Advanced Chemical Engineering Thermodynamics.</u> TO 3 credits. Prerequisite: 610. Advanced topics in thermodynamics, including phase and reaction equilibria at high pressures, phase equilibrium for multiphase systems, reaction equilibria in multiphase systems, thermodynamics of surfaces, thermodynamics of systems under stress, non-equilibrium thermodynamics, current topics from literature.
Credits	4200:716	<u>Non-Newtonian Fluid Mechanics.</u> TO 3 credits. Prerequisite: 600. Tensor and curvilinear coordinates. Newtonian viscometrics. Development of non-Newtonian constitutive equations. Special and general flows of various constitutive models.
Description	Add 4200:470/570	<u>Electrochemical Engineering.</u> 3 credits. Prerequisites: 322, 330. Chemical engineering principles as applied to the study of electrode processes and to the design of electrochemical reactors. Topics include electrochemical thermodynamics, cell polarizations, Faraday's Laws, electrode kinetics, transport processes in electrochemical systems, current distributions, reactor design, experimental methods, commercial processes, and batteries and fuel cells.
	4200:631	<u>Chemical Engineering Analysis.</u> 3 credits. Prerequisites: 322, 225, 330. Mathematical analysis of problems in transport processes, chemical kinetics and control systems. Solution techniques for these problems and their practical significances are stressed. Hueristic proofs will be given for necessary theory developments.
	4200:702	<u>Multiphase Transport Phenomena.</u> 3 credits. Prerequisite: 600. General transport theorem, kinematics, Cauchy's lemmas and the jump boundary conditions are developed followed by the theory of volume averaging. The single phase equations are then volume averaged to obtain the multiphase equations of change. The technique for using these equations and their practical significance is also covered.
EN-84-09 Civil	Add 4300:465/565	<u>Pavement Engineering.</u> 3 credits. Prerequisite: 361. Theories of elasticity, of viscoelasticity, and of layered systems as applied to pavements. Pavement materials characterization; pavement design, pavement restoration for rigid and flexible pavements.
Credits	4300:482	<u>Special Projects.</u> TO 1-3 credits.
EN-84-11 Chemical	Prerequisite 4200:120	<u>Engineering Fundamentals.</u> 1 credit. TO Drop prerequisite: 3150:132.

APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84

CURRICULUM CHANGES

	4200:200	Material and Energy Balances. 4 credits. <u>TO</u> Add <u>Prerequisites: 120 and 4450:206.</u>
Title	4200:321	Fluid, Thermal Transfer Theory. <u>TO</u>
Prerequi- sites	4200:321	<u>Transport Phenomena I.</u> 3 credits. <u>Prerequisites:</u> <u>3450:222 and 4200:200.</u>
Title	4200:322	Thermal, Mass Transfer Theory. <u>TO</u>
	4200:322	<u>Transport Phenomena II.</u>
Number,	4200:325	<u>Equilibrium Thermodynamics.</u> <u>TO</u>
Prerequi- sites	4200:225	<u>Equilibrium Thermodynamics.</u> <u>Prerequisites:</u> 3450:222 and 4200:200.
Prerequi- sites	4200:352	<u>Transport Laboratory.</u> 2 credits. <u>TO</u> <u>Prerequisites:</u> <u>322, 351.</u>
	4200:353	<u>Mass Transfer Operations.</u> <u>TO</u> <u>Prerequisites:</u> 225, 351, 322.
	4200:408	<u>Polymer Engineering.</u> <u>TO</u> <u>Prerequisites:</u> 3470:407 and permission of instructor.
Number	4200:354	<u>Operations Laboratory.</u> 1 credits. <u>TO</u>
Prerequi- sites	4200:454	<u>Operations Laboratory.</u> 1 credit. <u>Prerequisites:</u> 352, 353.
	4200:430	<u>Reaction Engineering.</u> 3 credits. <u>TO</u>
	4200:330	<u>Reaction Engineering.</u> 3 credits. <u>Prerequisites:</u> 225.
Prerequi- sites	4200:435	<u>Process Analysis and Control.</u> <u>TO</u> <u>Prerequisites:</u> 330, 353.
	4200:441	<u>Process Economics and Design.</u> <u>TO</u> 351, 330, 353.
EN-84-13 <u>Mechanical</u> Add	4300:610	<u>Introduction to Composite Mechanics.</u> 3 credits. <u>Prerequisite:</u> 601 or equivalent. Fundamental concepts of composites, composite micromechanics, macromechanics, and laminate theory are discussed from geometric relationships to laminate analysis for stiffness and strength. The geometric, mechanical, hygral and thermal behavior or composites will be described in terms of corresponding properties of the constituents. Emphasis is placed on the physics of composite behavior; design and analysis of fiber composite laminates subjected to mechanical and environmental loading conditions.
	4300:686	<u>Experimental Methods in Structural Mechanics.</u> 3 credits. <u>Prerequisites:</u> 601. Electrohydraulic closed-loop test systems. Methods for specimen heating. Strain measurement techniques for room and elevated temperatures. Design of computer controlled experiments investigating deformation and failure under complex stress states.

APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84

CURRICULUM CHANGES

4300:710

Advanced Composite Mechanics. 3 credits. Prerequisite: 610. Analysis of short-fiber composites and statistical behavior, bending, buckling and vibration of laminated plates and shells. Advanced topics involving stress concentration, residue stress, fatigue, fracture toughness, nonlinear and viscoelastic stress-strain formulations, solutions of nonlinear problems.

4300:712

Dynamic Plasticity. 3 credits. Prerequisites: 683 or 703. Impulsive and transient loading of structures and structural elements (beams, plates, shells, etc.) in which inelastic deformation occurs. Topics include: longitudinal and transverse plastic wave propagation in thin rods, propagation of plastic hinges, rate-dependent viscoplastic waves, transverse impact on beams and plates, high-rate forming, blast loading, plate perforation, shock waves in solids.

EN-84-14

Civil

Number	4300:463
Credits	4300:463/563
Add	4300:466/566

Transportation Planning. 2 credits. TO
Transportation Planning. 3 credits.

Traffic Engineering. 3 credits. Prerequisite: 361. Vehicle and urban travel characteristics, traffic flow theory, traffic studies, accidents and safety, traffic signs, and marking, traffic signal planning, traffic control and transportation administration.

FINE AND APPLIED ARTS

FA-84-07

Communicative Disorders

Add	7750:645
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Evoked Potentials. 2 credits. Prerequisite: permission of instructor. A study of auditory, visual and somatosensory evoked potentials and their clinical applications in audiology and neuro-otology.

FA-84-08

Art

Add to Senior Exhibition requirement in Bachelor of Fine Arts:

-Senior Exhibition: Students must secure a faculty advisor in their major during the first week of the semester in which they plan their senior show. The exhibition must be approved by the advisor prior to presentation.

Title	7100:322
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Prerequisite
site
Description

Sculpture: Casting. 3 credits. TO

Intermediate Sculpture II. 3 credits. Prerequisite: 7100:222 or permission. Continuation of 222. Addresses more advanced techniques. May include fabrication, casting, carving, or assemblage. May repeat for a total of 9 credits.

APPENDIX TO MINUTES OF UNIVERSITY COUNCIL, 2/2/84

CURRICULUM CHANGES

UN-84-01

Description	1020:042	<u>Basic Writing II. TO</u> Provides additional practice in the basic writing skills required for College Composition.
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MR. JOHN S. WATT
ASSISTANT PROVOST