



01 Jan 1995

## Faculty Senate Minutes 1994 - 1995

Missouri University of Science and Technology Faculty Senate

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DATES FOR 1994-95 ACADEMIC COUNCIL MEETINGS

Thursday, September 22, 1994  
Thursday, October 27, 1994  
Thursday, December 8, 1994  
Thursday, January 19, 1995  
Thursday, February 23, 1995  
Thursday, April 20, 1995  
Thursday, June 22, 1995



UNIVERSITY OF MISSOURI-ROLLA  
*Missouri's Technological University*

Office of the Registrar

103 Parker Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4181

**MEMO TO: Academic Council**  
**FROM: Curricula Committee**  
**SUBJECT: Curricula Committee Meeting of September 8, 1994**

**For the information of the Academic Council, the following EC1's have been submitted by the University departments for experimental courses that will be offered in the near future.**

**EC1's Reviewed:**

EC1 554, Speech & Media Studies 201, **Speech Criticism**. Approved for Winter 1995. 3 hours credit. 3 hours credit. Prerequisites: Speech & Media Studies 85.

EC1 555, Ceramic Engineering 401, **Advanced Microelectronic Processing**. Approved for Winter 1995. 3 hours credit. Prerequisite: Cer Eng 333.

EC1 556, History & Political Science, Pol Sci 201, **International Relations**. Approved for Winter 1995. 3 hours credit. Prerequisite: Pol Sci 90 or History 175.

**The Curricula Committee recommends to the Academic Council that the curricula changes on the following CC1's be approved.**

CC1 3827, Civil Engineering 299. Removed from table. Approved for Fall 1995. Change in credit hours from 2 hours **"To"** Variable hours. Two hours credit for students with catalog year prior to Fall 1995. Four hours credit for students with catalog year Fall 1995 or later. Justification reads: Experience with CE 299 has shown that two credit hours is not enough to meet the objectives of the course in providing a meaningful capstone design experience for the students.

CC1 3828, Civil Engineering. Removed from table. Approved for Fall 1995. Change in curriculum. Justification reads: Revision reflects effect of deleting CE 180 and increasing credit hours for CE 299. Making grades of "C" or better in certain courses both a prerequisite for other courses and a requirement for graduation reflects the proper importance of these courses in subsequent success towards a degree. Also, all previous catalogs requiring CE 180 should show CE 180 to be optional and those students requiring CE 180 will have it replaced by 4 hours of CE 299 rather than 2 hours of CE 299.

CC1 3836, English 245, **American Crime and Detective Fiction**. Approved for Winter 1995. Change in course title from **Mystery and Detective Fiction**. Approved change in description to: An introduction survey of American crime literature emphasizing the works of Hammett, Chandler, and James M. Cain to the more recent "true crime" tradition beginning with Capote's In Cold Blood.

CC1 3838, Aerospace Engineering 180, **Introduction to Aerospace Design**. Approved for Winter 1995. Change in credit hours from 2 hours lecture "TO"2 hours lab credit.

CC1 3839, Aerospace Engineering 210, **Seminar**. Approved change to make this a required course. Effective Fall 1994. (CC1 3811 was previously approved showing the addition of AE 210 to the curriculum on 3/25/94.)

CC1 3840, Mathematics & Statistics. Approved change in curriculum for Fall 1995. Justification reads: Math 361, 371 and 381, will constitute the Capstone experience for applied mathematics majors. This will be added as Footnote #8 in the catalog.

CC1 3841, Mathematics & Statistics, Math 361, **Problem Solving in Pure Mathematics**. Approved new course for Fall 1995. 1 hour credit. Prerequisites: Co-requisite Math 309 and Senior Standing. Description reads: Problems from pure mathematics, including analysis, algebra, number theory, set theory, finite mathematics, probability and statistics. Emphasis on identifying or inventing ways to solve problems based on the student's entire mathematics background. Justification reads: This course together with Math 371 and Math 381 will constitute the Capstone experience for Applied Mathematics majors.

CC1 3842, Mathematics & Statistics, Math 371, **Problem Solving in Applied Mathematics**. Approved for Fall 1995. 1 hour credit. Prerequisites: Math 209 and Senior standing. Description reads: Problems from applied mathematics which are open-ended, and do not always have a unique correct solution. Emphasis on developing mathematical models and writing solution narratives, including clarity, analysis, and design. Justification reads: this course together with Math 381 and Math 361 will constitute the Capstone experience for Applied mathematics majors.

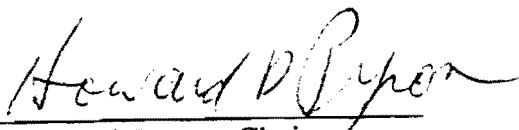
CC1 3843, Mathematics & Statistics, Math 381, **Great Theorems in Mathematics**. Approved new course for Fall 1995. 1 hours credit. Prerequisites: Math 209 and Senior standing. Description reads: A study of some of the great theorems which have shaped the development of mathematics and human civilization. History, the changing nature of mathematics, and the mathematical content of the theorems themselves, will all be addressed. Sources as close to the originals as possible will be used. Justification reads: This course together with Math 361 and Math 371 will constitute the Capstone experience for Applied mathematics majors.

CC1 3844, Ceramic Engineering 205, **The Engineering Design Process**. Approved new course for Fall 1995. 2 hours credit. Prerequisites: Junior standing. Description reads: Introduction to elements of design process including strategic, planning, project, management, modelling, materials selection, engineering economics, safety, environmental issues and ethics. Justification reads: To provide at beginning of Junior year an introduction to a wide range of tools which need to be integrated in design activity throughout Cer Eng curricula, particularly in Senior Capstone design project. Complies with ABET emphasis.

CC1 3845, Ceramic Engineering. Approved change in curriculum for Fall 1995. Change in curriculum due to addition of Cer Eng 205 to meet ABET requirements.

CC1 3846, History & Political Science, Pol Sci 225, **Comparative Politics**. Approved for Winter 1995. Change of course title from **International Relations and Comparative Politics**. Change of description to: A comparative study of states, institutional structures, ideologies, political culture, political parties, interest groups and forms of government. How these social forces are organized to articulate national or parochial interests within the framework of participatory or centralized political systems will be studied.

CC1 3847, Civil Engineering 499, **Case Studies in Civil Engineering**. Approved new course for Winter 1995. 3 hours credit. Prerequisites: Graduate Standing. Description reads: This course may be taken as part of a non-thesis graduate program. It will be an in-depth study of a topic selected by the student in concert with his graduate advisor. The product of this work will include a comprehensive term paper or civil engineering design project and include an oral presentation of the student's work.



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Dr. Howard Pyron, Chair  
UMR Curriculum Committee



UNIVERSITY OF MISSOURI-ROLLA

Academic Council

202 Norwood Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4972

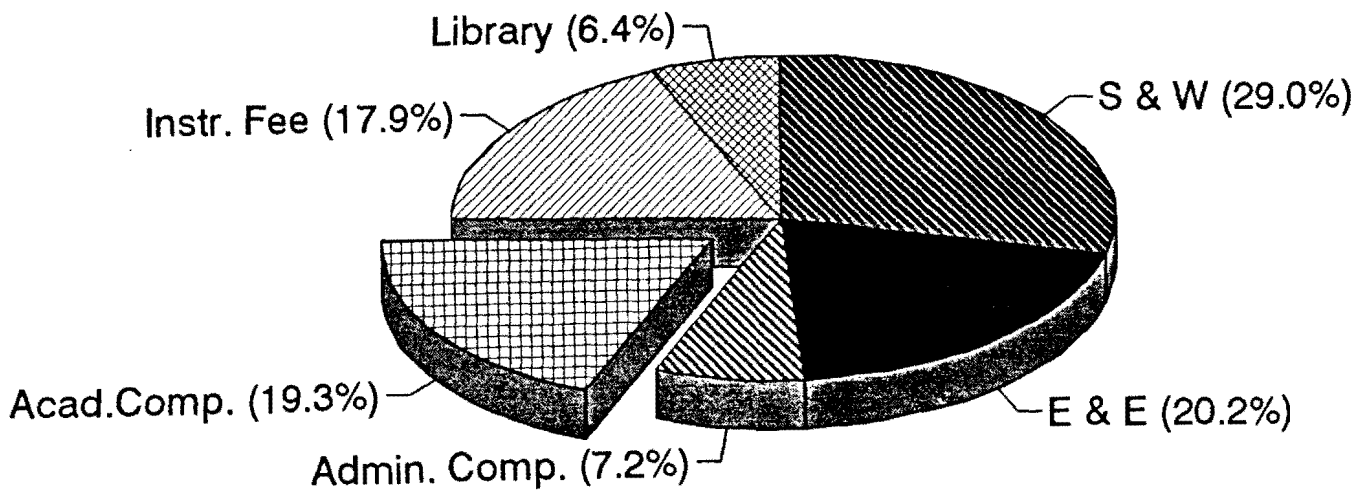
To: UMR Faculty

Academic Council Meeting  
Thursday, September 22, 1994; 1:30 P.M.; G-5 H/SS

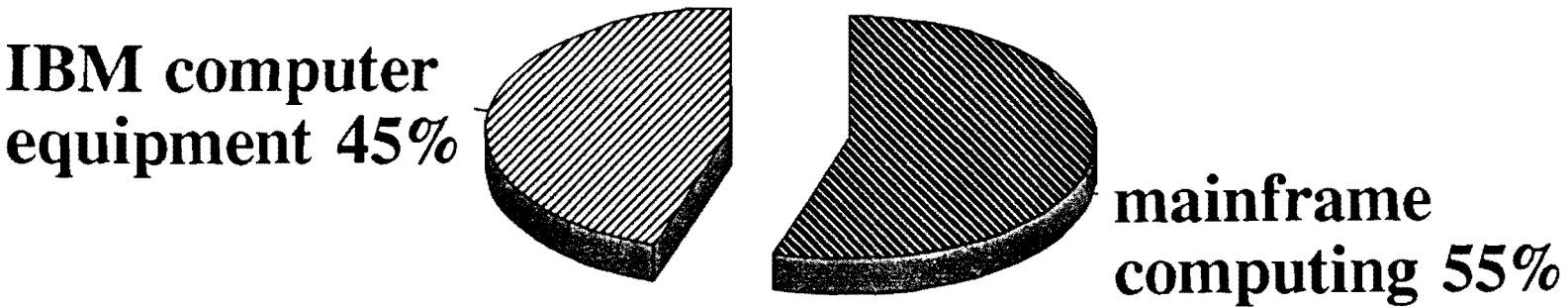
- I. Approval of minutes of the June 23, 1994 meeting
- II. Reports and Responses
  - A. President's Report (To include IFC) (10 min.) Lance Haynes
  - B. Chancellor's Report (10 min.) John Park  
(10 minutes for Questions and Answers)
- III. Reports of Standing and Special Committees
  - Computer Policy (10 min.)
  - A. Curricula (5 min.) Barbara Hale  
Howard Pyron
    - 1.\*Report No. 1
  - B. Personnel (no report) Jeffrey Cawlfieid
    - 1. Faculty Awards Procedure
    - 2. Annual Review of Administrators
    - 3. Proposed Changes to Grievance Procedure
  - C. RP & A (10 min.) Lance Haynes
    - 1. Election of Academic Council Officers
    - 2. Committee Elections
- IV. Old Business
- V. New Business and Announcements

\* Information distributed with agenda to Academic Council members and department chairs.

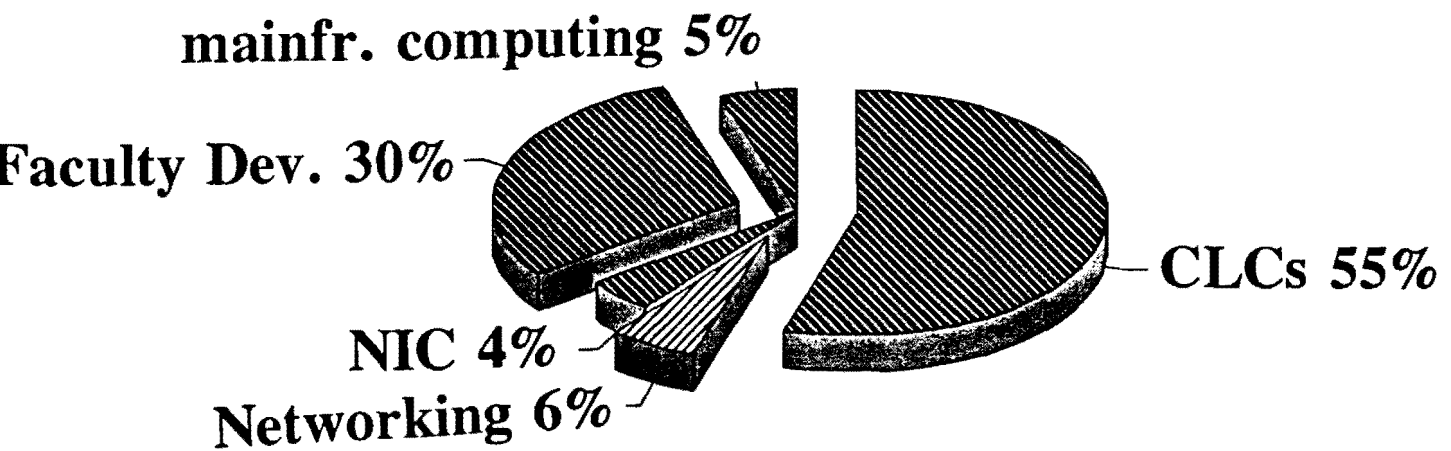
# 1994-95 UMR COMPUTING BUDGET



**1984 ACADEMIC COMPUTING BUDGET**



**1994 ACADEMIC COMPUTING BUDGET**



CLC = COMPUTER LEARNING CENTERS  
NIC = NUMERICALLY INTENSIVE COMPUTING



# Distributive Computing a Reality at UMR

- 1994 · Every faculty member on email
  - 31 Computer Learning Centers with:
    - 477 PCs
    - 103 workstations
    - 50 printers
    - 8 scanners
  - 2000 network connections on campus
    - 137 faculty workstations
    - 1080 faculty/staff PCs
  - 6 - 50 MFLOPS NIC UNIX workstations
  - student accounts on UNIX workstations
  - connections to INTERNET, MORENET, NSFNET,
  - telnet and ftp worldwide

# Computer Policy Committee Programs

## 1. FACULTY DEVELOPMENT PROJECTS:

\$600 to \$1200 per tenure track faculty member is allocated to the departments; the departments match with 10% and purchase computers for faculty offices.

## 2. COMPUTER LEARNING CENTER PROPOSALS

A call for proposals is made to the departments. A total \$ amount available and deadline is announced. The departments are asked to match the proposals with 30%, if possible. Proposals are evaluated and ranked in a mail ballot by the Computer Policy Committee members. A ranked list is sent to the Vice Chancellor who makes the final decisions.

## 3. FACULTY WORKSTATION FUND

An amount of money is set aside in this account. Any faculty member can order a "workstation/computer system" and obtain a 30% match (up to \$ 6000) from this account. New hires can obtain 90% (up to \$ 6000) for a computer system from this account.

## MATCH ISSUE AND COMPUTER POLICY

It has been proposed by the Vice Chancellor that the computing funds be used to provide "university matches" for externally funded proposals.

**The Computer Policy Committee members DO NOT support this for the following reasons:**

- 1.** it would place computing decisions in the hands of people removed from UMR (referees, contract monitors) and create unnecessary delays in the placement of current computer technology into the classroom;
- 2.** it would (could) move computer dollars into "narrow interest", possibly isolated projects;
- 3.** it would allow computing decisions to be made by a few at UMR -- and circumvent faculty and student input;
- 4.** it could side-track our already successful procedure for establishing a first class status in computing at UMR.

## **MATCH SCENARIO EXAMPLE:**

Budget for proposal "matched by UMR" last spring;

|                                     |                  |
|-------------------------------------|------------------|
| <b>High Performance Workstation</b> | <b>\$212,236</b> |
| <b>8 Workstations</b>               | <b>108,260</b>   |
| <b>Other Peripheral Equipment</b>   | <b>17,846</b>    |
| <b>Salary and Wages</b>             | <b>261,135</b>   |
| <b>TOTAL</b>                        | <b>\$599,477</b> |

**National Science Found. Request**      **\$299,477**  
**(includes only \$ 38,342**  
**for computer equipment)**

**UMR Match**      **\$300,000**  
**(will purchase \$ 300,000**  
**in computer equipment)**

Received: From UMR-CIVIL-FS1/MAILQUEUE by mail.civil.umr.edu  
via Charon 3.5 Beta 2 with IPX id 102.950118154456.480;  
18 Jan 95 15:48:30 -0500

Received: From umr.edu by mail.civil.umr.edu  
via Charon 3.5 Beta 2 with SMTP id 102.950118154456.480;  
18 Jan 95 15:48:28 +0500

Received: from UMRVMB.UMR.EDU (umrvmb.umr.edu [131.151.1.1]) via SMTP by hermes.  
Message-Id: <199501182144.PAA05072@hermes.cc.umr.edu>

Received: from UMRVMB.UMR.EDU by UMRVMB.UMR.EDU (IBM VM SMTP V2R2)  
with BSMTTP id 8020; Wed, 18 Jan 95 15:46:56 CST

Received: from UMRVMB.UMR.EDU (NJE origin LISTSERV@UMRVMB) by UMRVMB.UMR.EDU (LM  
Date: Wed, 18 Jan 1995 15:33:51 CST

Reply-To: Interfaculty Council <IFC@UMSLVMA.UMSL.EDU>

Sender: Interfaculty Council <IFC@UMSLVMA.UMSL.EDU>

From: senate account <SENATE@UMSLVMA.UMSL.EDU>

Subject: Resolution passed on 1/16/95

To: Multiple recipients of list IFC <IFC@UMSLVMA.UMSL.EDU>

As Pat requested, I am sending a copy of the resolution that we passed at our  
last IFC meeting.

"Given the fundamental nature of the rights and privileges of  
tenure to the mission of the university, it is moved that the  
initiative of the President to examine alternatives to tenure  
be directed to each campus for discussion and recommendation.  
The recommendations from each campus should be forwarded to  
the IFC to be integrated into a single report to the President.  
The report should be recognized as being representative of the  
position of the faculty on this issue."



UNIVERSITY OF MISSOURI-ROLLA  
*Missouri's Technological University*

Office of the Registrar

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Rolla, MO 65401-0249  
Telephone (314) 341-4181

**MEMO TO:** Academic Council  
**FROM:** Curricula Committee  
**SUBJECT:** Curricula Committee Meeting of October 13, 1994

**For the information of the Academic Council, the following EC1's have been submitted by the University departments for experimental courses that will be offered in the near future.**

**EC1's Reviewed:**

EC1 557, Political Science 301, **The American Presidency**. Approved for Winter 1995. 3 hours credit. Prerequisites: Pol Sci 90.

EC1 558, Metallurgical Engineering 301, **Non Ferrous Alloys**. Approved for Winter 1995. 3 hours credit. Prerequisites: Met Eng 217.

EC1 559, Life Sciences 301, **Virology**. Approved for Winter 1995. 3 hours credit. Prerequisites: Life Science 110, Life Science 221; Chem 221.

EC1 560, Mathematics 301, **Infinitesimal Analysis**. Approved for Winter 1995. 3 hours credit. Prerequisites: Math 22. **WITHDRAWN BY DEPARTMENT 10/17/94.**

EC1 561, Computer Science 101, **Fundamentals of C Programming**. Approved for Winter 1995. 2 hours credit. Prerequisites: CSci 53 or CSci 73.

EC1 562, Speech & Media Studies 201, **Oral Interpretation**. Approved for Winter 1995. 3 hours credit. Prerequisites: Speech & Media Studies 181.

EC1 563, Speech & Media Studies 201, **Gender Communication**. Approved for Winter 1995. 3 hours credit. Prerequisites: Entrance Requirements.

EC1 564, English 301, **Downloading Fiction**. Approved for Winter 1995. 3 hours credit. Prerequisites: English 20 & a semester of college literature.

EC1 565, Mathematics 401, **Partial Differential Equations II**. Approved for Winter 1995. 3 hours credit. Prerequisites: Math 475.

EC1 566, Electrical Engineering 301, **Plantwide Process Control**. (Co-listed with Chem Eng 301). Approved for Winter 1995. 3 hours credit. Prerequisites: EE 231 or ChE 261 or equivalent.

EC1 567, Economics 101, **Behavioral Sciences**. Approved for Winter 1995. 1 hour credit. Prerequisites: Stat 115 or Stat 215.

EC1 568, Economics 301, **International Finance**. Approved for Winter 1995. 3 hours credit. Prerequisites: Econ 222.

EC1 569, Electrical Engineering 301, **Introduction to Fiber Optic Communication Systems**. Approved for Winter 1995. 3 hours credit. Prerequisites: EE 243.

EC1 570, Engineering Management 301, **Process Data Management**. Approved for Winter (Co-listed with Chem Eng.) 3 hours credit. Prerequisites: Senior Standing.

EC1 571, Chemical Engineering 301, **Process Data Management**. Approved for Winter 1995. (Co-listed with EMgt.) 3 hours credit. Prerequisites: Senior Standing.

EC1 572, Chemical Engineering 301, **Plantwide Process Control**. Approved for Winter 1995. (Co-listed with EE 301.) 3 hours credit. Prerequisites: EE 231 or ChE 261 or equivalent.

EC1 573, Mechanical Engineering 401, **Advanced Mechanisms**. Approved for Winter 1995. 3 hours credit. Prerequisites: ME 302.

EC1 574, Electrical Engineering 301, **Electrical Engineering Senior Design Project II**. Approved for Winter 1995. 2 hours credit. Prerequisites: EE Design Project I and consent of instructor.

**The Curricula Committee recommends to the Academic Council that the curricula changes on the following CC1's be approved.**

**CC1's Reviewed:**

CC1 3848, Ceramic Engineering 460, **Crystal Anisotropy**. Approved new course for Winter 1995. 3 hours credit. Prerequisites: Cer Eng 102. Description reads: The objective of this course is to give the student an understanding of crystal structure-physical property relationships. The relationship between symmetry and tensor representation will be examined, and then related to the mechanical, electrical and optical properties exhibited by the materials.

CC1 3849, Computer Science 357, **Analysis of High Performance Data Parallel Algorithms**. **This CC1 will be reviewed at the November 17, 1994, meeting.**

CC1 3850, Computer Science 457, **Advanced Analysis or High Performance Computing**. **This CC1 will be reviewed at the November 17, 1994, meeting.**

CC1 3851, Geology 413, **Clay Mineralogy**. Approved for Winter 1995. Change in prerequisites from Geol 211 and Geol 383 "TO" Graduate standing.

CC1 3852, Metallurgical Engineering 202, **Extractive Metallurgy Laboratory**. Approved for Winter 1995. Change in prerequisites from Chem 51, Chem 52, Met 281; accompanied by Met 203 "TO" Preceded or accompanied by Met 203; preceded or accompanied by Chem 4 or an equivalent training program approved by UMR.

CC1 3853, Metallurgical Engineering 203, **Introduction to Extractive Metallurgy**. Approved for Winter 1995. Change in prerequisites from Chem 51, Chem 52, Met 281; accompanied by Met 202 "TO" Met 281 or Cer Eng 259 or Chem Eng 143.

CC1 3854, Metallurgical Engineering 315, **Metallurgical Process Design Principles**. Approved for Winter 1995. Change in prerequisites from Met 217, 218, 221, 355 "TO" Senior Standing in Metallurgical Engineering.

CC1 3855, Metallurgical Engineering 451, **Refining of Metals**. Approved for Winter 1995. Change in prerequisites from Accompanied or preceded by Met 355 "TO" Met Eng 355 or Cer Eng 259.

CC1 3856, Metallurgical Engineering 000. Approved curriculum change for Winter 1995. The change is replacing EE 281 with EE 281 or EE 282 in the Junior Year. The latter is a new course offered by EE to specifically meet School of Mines & Metallurgy department needs.

CC1 3857, Computer Science 285, **Computer Network Concepts and Technology**. Approved new course for Winter 1995. 3 hours credit. Prerequisites: CSci 284. Description reads: This course will introduce computer network concepts and will survey the current and evolving technology for the construction, operation, and management of those networks. both hardware and software issues will be addressed with a focus on local area networks.

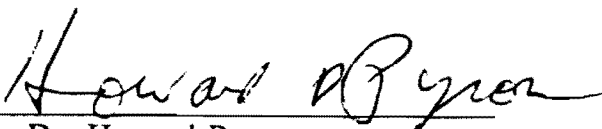
CC1 3858, Computer Science 329, **Numerical Linear Algebra**. Approved for Winter 1995. Change of course title from **Numerical Analysis II**. Change of description reads: A survey of the state-of-the-art problem-solving numerical techniques. Topics will include: direct and iterative methods for linear and non-linear equations, optimization, eigenvalue problem finite element methods. Multigrid method, parallel numerical algorithms.

CC1 3859, Computer Science 328, **Numerical Approximation and Differential Equations**. Approved for Winter 1995. Change of title from **Numerical Analysis I**. Change of prerequisites from CSci 228 or Math 309 and Programming Competency "TO" CSci 228 or Advanced Calculus. Change in description reads: ??? 40 words or less

CC1 3860, Computer Science 428, **Parallel Numerical Linear Algebra**. Approved for Winter 1995. Change in course title from **Matrix Computation**. Change in prerequisites from CSci 329 and Math 203 "TO" CSci 328 or CSci 329. Change in description to: 40 words or less???



CC1 3861, Computer Science 422, **Numerical Differential Equations**. Approved for Winter 1995. Change in course title from **Numerical Solution of Partial Differential Equations**. Change in prerequisites from CSci 329 and Math 325 "TO" CSci 328 or CSci 329. Change in description to: the numerical solution of ordinary and partial differential equations, boundary value problems, eigenvalue problems, stability and convergence of current numerical methods solution of applied problems of digital computers.

  
Chair, Dr. Howard Pyron

Phi  
Φ  
Sigma

Biological Honor Society

*Constitution*

for the

**Gamma Iota Chapter**  
*University of Missouri - Rolla*

*Adopted October 22, 1994*

---

*President*

---

*Vice President*

## CONSTITUTION

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### I. NAME, INSIGNIA, AND AFFILIATION

A. The name of the organization shall be the Phi Sigma Biological Sciences Honor Society, herein after referred to as Phi Sigma, Gamma Iota Chapter, or Chapter.

B. The insignia of Phi Sigma shall be the Greek letters Phi and Sigma, superimposed on one another (please see cover sheet).

C. The Gamma Iota Chapter shall first and foremost be affiliated with the Phi Sigma National Organization. Affiliated local organizations shall only include the HELIX Biology Club.

### II. AIMS AND OBJECTIVES OF THE ORGANIZATION

A. The object of this Society shall be to promote interest in research and to foster academic excellence in the biological sciences.

### III. MEMBERSHIP

#### A. Qualifications

1. *Eligibility*: Any person of good moral character, who is a student enrolled at UMR, who has shown an interest in research, who has received an equivalent of at least two years of college credit, and who is majoring in Life Science, Biochemistry, Biochemical Engineering, Environmental Engineering, or Civil Engineering (Waste Water Management Preference) shall be eligible for Regular membership, providing they meet the following qualifications.

2. *Scholastic*: Undergraduates desiring membership in Phi Sigma shall demonstrate superior academic standing by possessing a 3.0 cumulative GPA on a 4.0 scale at the time of their application. In addition, Graduate students applying for membership must possess a 3.5 cumulative GPA at the time of their application.

3. *Class Standing*: Undergraduate applicants must have Junior, Senior, or Graduate standing at the time of their application. Two Sophomores possessing outstanding qualifications are eligible for membership per year, providing that they meet all other qualifications.

4. *Majority Vote*: The applications of all qualified persons desiring admission into Phi Sigma shall be brought before a general assembly of members at a regular meeting. A majority vote of a quorum in favor of the applicant will permit their applications to be forwarded to the national office for review.

5. *Initiation Requirements:* All applicants who have met the criteria for membership, have been approved by the Gamma Iota Chapter, and have been approved by the national office will be eligible for the initiation.

A. All activities engaged in, hosted by, or associated with the Gamma Iota Chapter of Phi Sigma will conform to Missouri Law and all specifications set down by the University of Missouri - Rolla.

#### **B. Classes of Membership**

1. *Regular Members:* Only currently enrolled UMR students (Undergraduate and Graduate) shall be eligible for Regular Membership.

2. *Associate Members:* UMR staff members and other professionals engaged in biologically associated employment shall be eligible for Associate Membership.

3. *Honorary Members:* Persons working in a biologically associated field, who meets all requirements for Associate membership, upon vote of the Regular Chapter, shall be eligible for membership. Honorary membership shall exempt the person from all fees associated with the organization. Upon processing and acceptance of the application of the proposed Honorary member, that member shall assume and maintain all the rights and privileges of an *Associate member*.

4. *Alumni Members:* Once a petitioning member has met their financial obligations to the National Office, and when they have paid one year in dues to the Gamma Iota Chapter, they shall have the option of becoming Alumni members.

#### **D. Rights and Privileges of Regular Members**

1. Rights and Privileges shall include the right to vote, hold office, and propose new by-laws for approval by the Regular chapter.

### **IV. OFFICERS**

A. Chapter officers shall include the following: President, Vice President, Secretary, Treasurer, and Editor.

#### **B. Qualifications of Officers**

1. *Scholastic Requirements:* There will be no additional scholastic requirements other than those designated in Section III-A.2.

2. *Previous Office Experience:* There will be no explicit previous office experience requirement.

### C. Term of Office

1. The term of office for all offices in the Gamma Iota Chapter of Phi Sigma shall consist of one academic year.

### D. Election Procedures

1. *Nominations*: Nominations for all offices of the Gamma Iota chapter shall be given by voice or ballot. All nominations will then be presented to the Regular chapter and must be seconded. Regular members of Phi Sigma shall be eligible to nominate or second nominations.

2. *Election Announcements*: Announcements for nominations shall be given at the next to the last meeting of the year. Nominations will be open at this meeting a last round of nominations shall be allowed at the final meeting.

3. *Voting*: All votes will be by secret ballot. Only the current Secretary and President will tally the votes. Voting will occur at the last meeting of the academic year. Officers will be elected by majority vote of a quorum of the regular members.

### E. Officer Duties

1. *President*: The President shall be responsible for the activity and conduct of the Chapter at all meetings, gatherings, and functions. In addition, the President shall be responsible for the maintenance and protection of all Chapter records and paraphernalia.

2. *Vice-President*: The Vice-President shall, in addition to the duties normally associated with the position, act as chairman of the membership committee. In maintenance of these duties, the Vice-President will make all necessary contacts with the executive Secretary-Treasurer regarding candidates for membership. He/she is especially charged with the duty of filing personal records of initiates with the Executive Secretary-Treasurer with the definite understanding that no candidate's initiation is complete until his/her record is on file and his/her initiation fee is paid to the Executive Secretary-Treasurer as provided in Art. II, Sec. 3. (d) (3) of the Phi Sigma National Constitution.

3. *Secretary*: In addition to the duties normally associated with the position, the Chapter Secretary shall keep, as regular duty, a record of all business; preserve all manuscripts and records which shall be available to all officers and which shall be kept in a permanent campus location made known to the Executive Secretary-Treasurer; maintain a list of members and records of all business communications; take the roll of members present at each regular meeting; render official annual report to the National Office at the end of each academic year; be responsible for all publicity for the Chapter.

4. *Treasurer*: In addition to the duties normally associated with the position, the Chapter Treasurer shall collect and guard all monies, properties, and securities belonging to the local Chapter and render an official annual report to the National Office at the end of each academic year.

5. *Editor*: The Chapter Editor shall be in charge of all correspondence with members and potential members, as well as aiding the Chapter Secretary with publicity for the local Chapter.

#### **F. Composition of Official (Executive) Board**

1. The Executive Board shall be composed of the President, Vice-President, Secretary, Treasurer, Editor, and Advisor (see Sec. V).

#### **G. Vacancies**

1. *Filling Vacancies*: In the case that a vacancy should develop, a vote will be taken. All Regular members shall have privilege to run for vacant positions. Should a current officer wish to run for the position, and be elected, the process would then continue (as stated above) to fill the position of the officer taking over the duties of the vacant position. In the case that the Advisor should be unable to fulfill his/her duties, a new Advisor will be nominated, selected, and voted upon.

2. *Hierarchy*: The hierarchy of offices will be as follows (from top to bottom);

- A. President
- B. Vice-President
- C. Secretary
- D. Treasurer
- E. Editor

#### **H. Impeachment**

1. *Impeachment Requirements*: In the case that an officer is deemed unfit to serve his/her term, a vote for impeachment shall be taken. A majority vote of a quorum is required of the Regular members to impeach an officer. In order to impeach the advisor, three officers and seventy-five percent of the regular members must vote in favor of the impeachment.

#### **V. ADVISOR**

A. *Advisor*: The duties of the Advisor shall be to act as a liaison between the local Chapter and the University and National Office.

B. *Election Procedure*: Advisors shall be elected in the same fashion as regular officers for the Chapter (see Sec. IV-D).

C. *Term of Office*: The Advisor shall serve for one academic year. The Advisor may be reelected if he/she is willing to serve more than one term.

D. *Requirements*: The Advisor shall be a full time instructor at the University of Missouri - Rolla.

## VI. COMMITTEES

### A. Standing Committees

1. Standing committees shall include: the Executive Committee, the Membership Committee, the Program Committee, the Auditing Committee, and the Banquet Committee.

2. Each committee shall be appointed by the President at the first regular meeting of the school year.

## VII. DUES

A. Dues are payable at the beginning of the current semester (the first regular meeting), with the exception of the Initiation fee.

B. Dues are payable to the current Treasurer.

C. Amount of dues will conform to that set down in the bylaws.

## VIII. MEETINGS

### A. Types of Meetings

1. All meetings shall consist of Regular or Emergency meetings. All business will be conducted at the regular meetings. Committee meetings will be determined by the committees and all business conducted at such meetings will be presented to the Regular Chapter at the next regular meeting.

### B. Notification of Meetings

1. All meetings will be advertised (by flyer, poster, etc.) no more than one week prior to the event. Any other special meetings would also be advertised a maximum of one week in advance.

### **C. Who May Call Meetings**

1. All Regular meetings will be decided by the Regular Chapter. Emergency (unscheduled) meetings may be called by the President and must be called by the President upon the specific request of at least three regular members.

### **D. Quorum**

1. A quorum shall consist of three officers and at least thirty-five percent of the Regular Chapter.

### **E. Parliamentary Procedure**

1. *Robert's Rules of Order (Newly Revised)* shall be used as the Parliamentary authority for all meetings.

## **IX. CONSTITUTION**

### **A. Adoption**

1. The Chapter Constitution was adopted on October 22, 1994 by unanimous decision of the Gamma Iota Chapter.

## **X. AMMENDMENT AND BY-LAW ADOPTION**

A. This Constitution and its amendments shall be adopted upon a three-fourths majority favorable vote from a quorum of members.

B. Amendments to the Constitution or to the By-laws shall be presented at one meeting but not acted upon until a subsequent meeting, which normally will be the following meeting.

C. The Constitution, its Amendments and its By-laws shall be in effect once approved by the Student Affairs Committee and the Academic Council or their designated representative.





UNIVERSITY OF MISSOURI-ROLLA

Academic Council

202 Norwood Hall  
Rolla MO 65401-0249  
Telephone (314) 341-4972

To: UMR Faculty

Academic Council Meeting  
Thursday, October 27, 1994; 1:30 P.M.; G-5 H/SS

- I. Approval of minutes of the September 22, 1994 meeting
- II. Reports and Responses
  - A. President's Report (10 min.) Jerry Westphal
  - B. Chancellor's Report (15 min.) John Park  
(10 minutes for Questions and Answers)
- III. Reports of Standing and Special Committees
  - A. Computer Policy (5 min.) Barbara Hale
  - B. Curricula (5 min.) Howard Pyron  
1.\*Report No.2
  - C. Parking, Security, and Traffic (No report)  
1. Parking permit procedure
  - D. Personnel (no report)  
1. Faculty Awards Procedure  
2. Annual Review of Administrators  
3. Proposed Changes to Grievance Procedure
- IV. Old Business
- V. New Business and Announcements
  - 1. MAFS Report Greg Gelles

\*Information distributed with agenda to Academic Council members and department chairs.

UNIVERSITY OF MISSOURI AT ROLLA  
Academic Council

October 27, 1994

Approved Resolution

Whereas Amendment Seven has been placed on the November election ballot, and

Whereas Amendment Seven is conservatively estimated to result in the reduction of state revenue by one billion dollars, and

Whereas passage of Amendment Seven will result in drastic cuts in state services to Missouri citizens, including cuts in funding for highways, corrections, mental health and education in general, and will adversely affect the state's economy,

Be it resolved, that the Academic Council of the University of Missouri at Rolla opposes the Amendment Seven to the Missouri Constitution.



UNIVERSITY OF MISSOURI-ROLLA  
*Missouri's Technological University*

Office of the Registrar

103 Parker Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4181

**MEMO TO: Academic Council**

**FROM: Curricula Committee**

**DATE: November 17, 1994, Meeting**

**For the information of the Academic Council, the following EC1's have been submitted by the University department for an experimental course that will be offered in the near future.**

EC1 575, Geophysics 301, **Geophysical Field Methods**. Approved for Winter 1995. 3 hours credit. (2 hr lecture, 1 hr lab). Prerequisites: Geophysics 384. Delete the words "or permission of instructor" under prerequisites.

EC1 576, Engineering Management 401, **Advanced Packaging System Design**. Approved for Summer 1995. 3 hours credit. Prerequisites: EMgt 388.

EC1 577, Metallurgical Engineering 301, **Metals Recycling**. Approved for Fall 1995. 3 hours credit. 3 hours credit. Prerequisites: Met 241; preceded or accompanied by Met 203.

EC1 578, Chemistry 301, **Lab Safety**. Approved for Summer 1995. 1 hour credit. Prerequisite: High school chemistry.

EC1 580, Engineering Management 401, **Smart Engineering System Design**. Approved for Winter 1995. 2 hours lecture and 1 hour lab. Prerequisites: EMgt 378 or equivalent. (This EC1 was not included on original agenda but, was submitted before 11/17/94. Dr. Pyron agreed to review at Nov.17 meeting since they wanted to offer it Winter 1995.)

**The Curricula Committee recommends to the Academic Council that the curricula changes on the following CC1's be approved.**

CC1 3849, Computer Science 384, **Array Formalisms for Massively Parallel High Performance Computing I**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: CSci 284 and CSci 253 and CSci 228. Description reads: Uniprocessors and networks of homogeneous workstations will be platforms studied. The purpose of this course is to teach techniques needed to analyze algorithms that are ideal for High Performance Computing and Communications.

CC1 3850, Computer Science 484, **Array Formalisms for Massively Parallel High Performance Computing II**. Approved new course Winter 1996. 3 hours credit. Prerequisites: CSci 357 and CSci 381 and (Csci 387 or CSci 385). Description reads: This is a continuation of CSci 384 which initially focuses on High Performance issues on a uniprocessor and network of homogeneous workstations. This course deals with heterogeneous computing, portability, scalability, load balancing, and analysis at every level of the data hierarchy.

CC1 3862, Mining Engineering 376, **Mined-Land Reclamation**. (Co-listed with Geol Eng 376.) Approved for Winter 1995. Change in credit hours from 2 hours lecture and 1 hour lab "TO" 3 hours lecture.

CC1 3863, Mining Engineering 217, **Mine Power and Drainage**. Approved for Winter 1995. Change in prerequisites from CE 230, EE 281, and Min Eng 221 "TO" CE 230, EE 282, and as prerequisite/co-requisite ME 227.

CC1 3864, Mining Engineering 345, **Strata Control**. Approved for Winter 1995. Change in prerequisite from none "TO" Min Eng 231.

CC1 3865, Mining Engineering 231, **Rock Mechanics I**. Approved for Winter 1995. Change in prerequisite from BE 110, 120, and either Min Eng 221 or both Geo Eng 130 and 220 "TO" BE 110, BE 120, and either Min Eng 221 or CE 215 or Geol Eng 130 and 220.

CC1 3866, Mining Engineering 218, **Mine Atmospheric Control**. Approved for Winter 1995. Change in prerequisite from CE 220, EE 281, and Min Eng 221 "TO" CE 230, EE 282, ME 227.

CC1 3867, Physics 331, **Optics**. Approved curriculum change effective Fall 1995. Physics 331 is being dropped as a required course and becoming an elective for majors.

CC1 3868, Physics 011, **Descriptive Astronomy**. Approved curriculum change effective Fall 1995. Physics 011 is being dropped as a required course and becoming an elective for majors.

CC1 3869, Physics 361, **Introduction to Quantum Mechanics**. Approved change effective Fall 1995. Change in catalog description to: The fundamental postulates of quantum mechanics and their application to simple systems. Topics include one-dimensional problems and time-independent perturbation theory treated in brief, three-dimensional systems, angular momenta, and one-electron atoms. Also, this course is being changed from an elective to a **required** course.

CC1 3870, Physics. (Chem. 004. **Introduction to Laboratory Safety & Hazardous Materials**). Approved curriculum change effective Fall 1995. Chem 004 is now a required course for the Physics curriculum being offered Freshman year, first semester.

CC1 3873, Petroleum Engineering. Approved change in curriculum for Fall 1995. Change will allow either EE 281 (Elec. Circuits) or EE 282 (Elec. Circuits & Machines). EE 282 is a variation of EE 281 for Mines & Metallurgy students.

CC1 3874, Computer Science 487, **Advanced Parallel Computation**. Approved for Winter 1995. Change in description to: The study of exploiting the potential parallelism of massively parallel computers, state-of-the-art multi-processor architectures and languages. Topics from current research include design and analysis of efficient parallel algorithms, task partitioning and load balancing, topological embeddings, and reconfigurable mesh algorithms.

CC1 3876, Physics 308, **Physical Mechanics**. Approved new course for Fall 1995. 3 hours credit. Prerequisite: Physics 208. Description reads: This course covers topics of rigid body motion in three dimensions, moving coordinate frames, two body collisions, conservation laws, small oscillations, generalized coordinates, and LaGrange's and Hamilton's equations.

CC1 3877, Physics 221, **Electricity and Magnetism I**. Approved for Fall 1995. Change in prerequisites from Physics 25 "TO" Physics 208.

CC1 3878, Physics 209, **Physical Mechanics**. Approved deletion for Fall 1995.

CC1 3879, Physics 208, **Introduction to Theoretical Physics**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: Math 204 co-requisite; Physics 24 or 25. Description reads: Fundamental physical concepts are elaborated in mathematical terms emphasizing the coherence and economy of Physics. topics include elementary vector analysis, introduction to physical mechanics (motion of a point mass, conservation laws, relativity), Fourier series, and introduction to partial differential equations.

CC1 3880, Physics. Approved change in curriculum for Fall 1995. All CC1's for Physics listed above are included in the proposed Physics curriculum.

CC1 3881, Life Sciences 352, **Biological Effects of Radiation**. Approved new course for Winter 1995. 3 hours credit. Prerequisites: Life Science 110 and Chem 3. Description reads: Introduction to biological effects of ionizing radiation including mode of induction of mutations, effects on the developing fetus and specific tissues plus therapeutic applications of various types of radiation.

CC1 3882, Aerospace Engineering 231, **Aerodynamics I**. Approved for Winter 1995. Change in prerequisites from AE 161, ME 219, "C" or better in Math 8, 21, 22, and Physics 23 "TO" AE 161 and a grade of "C" or better in Math 8, 21, 22, Physics 23 and ME 219. Change in description reads: A study of the fundamental concepts of fluid mechanics as applied to aerodynamic applications with both differential and control volume analysis. Theory and application of viscous and inviscid incompressible flow including boundary layer theory and two dimensional airfoil theory.

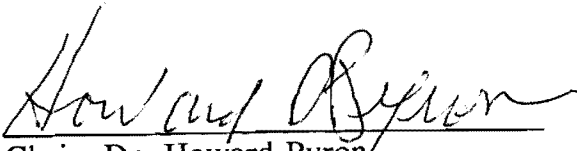
CC1 3883, Aerospace Engineering 271, **Aerodynamics II**. Approved for Winter 1995. Change in description to: Three dimensional incompressible wing theory. Compressible one dimensional flow with normal and oblique shock waves, heat addition, and friction. Compressible transonic, and supersonic linearized flow theory. Supersonic wings and wing/fuselage configurations.

CC1 3885, Computer Science 360, **Deterministic Modeling**. Approved for Fall 1995. Change in course title from **Methods of Optimization**. Change in prerequisites from CSci 228 "TO" CSci 228 or Math/Stat 203 or 208. Change in description to: The course is an in-depth introduction to the basic building blocks of deterministic modeling using the digital computer. Topics include linear programming and nonlinear programming. Problem analysis and algorithm development and implementation will be covered. Programming project required.

CC1 3886, Computer Science 466, **Stochastic Modeling**. Approved for Fall 1995. Change in course title from **Nonlinear Optimization**. Change in prerequisites from CSci 360 "TO" CSci 360, Math/Stat 215. Change in description to: The course is in-depth introduction to the basic building blocks of stochastic modeling using the digital computer. Topics include simulation, queuing theory, Markovian decision processes, inventory, and forecasting. Problem analysis, algorithm development and implementation will be covered. Programming project required.

CC1 3888, Life Sciences 303. **Laboratory Practicum for Science Teachers**. Approved new course for Winter 1995. (This course was not included on agenda but, was submitted before Nov. 17th. Dr. Pyron approved being reviewed as they want to offer WS95 and this course has been offered twice as an Experimental Course.) 2 hours credit. Prerequisites: Life Science 302. Description reads: Life Science 303 is designed to be a follow-up for Life Science 302. "Laboratory Training for Science Teachers." The teachers enrolled will be required to prepare and present a paper describing their classroom use of the laboratory activities and lesson plans developed in Life Science 302.

CC1 3896, Geological Engineering 376, **Mined-Land Reclamation**. (Co-listed with Min Eng 376.) Approved for Winter 1995. Change in credit hours from lecture 2 hours and 1 hour lab "TO" lecture 3 hours.

  
Chair, Dr. Howard Pyron

UMR Academic Competition Organization Constitution

University of Missouri-Rolla

1994.11.14

**Article I: Name**

The name of the organization shall be "The UMR Academic Competition Organization", which shall hereafter be referred to as the "UMR ACO."

**Article II: Purpose**

The purpose of the UMR ACO shall be to represent UMR at College Bowl International (CBI) and Academic Competition Federation (ACF) competitions, excluding the Annual CBI Spring Regional Tournament.

**Article III: Membership**

Membership is open to any student. Membership procedures not defined in the Constitution shall be addressed in the bylaws. Any UMR student is eligible to become a member. To become a member, a student must first notify the President. After the student attends two meetings, he/she becomes a member of the ACO. Only the President and Vice President have authority to excuse a member's absence. An absence may be excused before the meeting. Every member who shows up for any part of the meeting is considered present, however once the meeting is over, all unexcused absences are final.

**Article IV: Officers and Advisors**

Section 1: The officers of the ACO shall consist of a President, Vice-President, Secretary, and Treasurer.

Section 2: Nominations for officers shall take place during the second regular meeting of the academic year. A nomination may be made by any member.

Section 3: Candidates for each office shall be elected by a plurality vote of members not running for that particular office. The terms of each office begin with the second regular meeting and end at the second regular meeting of the next academic year. Election procedures not defined in the Constitution shall be addressed in the bylaws.

Section 4: In addition to serving as the official representative of UMR at CBI and ACF competitions, the President shall represent the ACO in external affairs, chair regular meetings, chair special meetings, schedule competitions for the ACO and establish a calendar of meetings.

Section 5: The Vice President shall arbitrate in matters of dispute over interpretations or conflicts in the Constitution, chair special meetings, take attendance at all meetings and supervise the election of the UMR team before every competition.

Section 6: The Secretary shall obtain packets of questions for the meetings and practices, record the questions missed in practice for distribution to the ACO members later, and monitor the rotations of the members in moderating, scorekeeping, and keeping statistics for the practices.

Section 7: The Treasurer shall supervise the account of the UMR ACO and make transactions. The Treasurer shall also oversee the library of books and lists for ACO, and shall distribute copies of the lists and supervise the lending of books from the ACO library, which shall reside with the treasurer.

Section 8: The ACO must have a faculty / staff advisor, who will oversee the election of officers and may moderate practices. The faculty advisor will be elected at the same meeting as the officers.



UNIVERSITY OF MISSOURI-ROLLA  
*Missouri's Technological University*

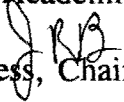
School of Engineering

Office of the Dean

101 Engineering Research Lab  
Rolla, MO 65401-0249  
Telephone (314) 341-4151  
FAX (314) 341-4979

November 23, 1994

MEMO TO: Dr. J. A. Westphal  
President, Academic Council

FROM: Jerry Bayless,  Chair, Public Occasions Committee

RE: 1996-97 Calendar, 1995-96 Public Event Dates

On behalf of the Public Occasions Committee, I am forwarding for Academic Council consideration the 1996-97 Academic Year Calendar and 1995-96 public event dates. The 1996-97 calendar was developed by the Calendar Committee and was approved by the Public Occasions Committee. The public events dates were suggested by committees responsible for those activities and were also approved by the Public Occasions Committee.

I am also enclosing for information purposes a list of 1995-96 dates which we had to work around (football schedule, ACT dates, etc.) and the roster of members of the Public Occasions subcommittee.

Jerry Bayless was re-elected chairman of the Committee and Linda Bramel was re-elected secretary.



## FALL SEMESTER 1996

|  |                        |
|--|------------------------|
| Fall Semester Opens 7:30 a.m.              | August 20, Tuesday     |
| Freshmen Orientation                       | August 20, Tuesday     |
| New Student Orientation                    | August 21, Wednesday   |
| Student Registration 8:15 a.m. - 3:30 p.m. | August 22, Thursday    |
| Classwork begins 7:30 a.m.                 | August 26, Monday      |
| Labor Day Holiday                          | September 2, Monday    |
| Mid-Semester                               | October 19, Saturday   |
| Thanksgiving vacation begins 7:30 a.m.     | November 27, Wednesday |
| Thanksgiving vacation ends 7:30 a.m.       | December 2, Monday     |
| Last Class Day                             | December 13, Friday    |
| Reading Day                                | December 14, Saturday  |
| Final Examinations begin 8:00 a.m.         | December 16, Monday    |
| Final Examinations end 5:30 p.m.           | December 20, Friday    |
| Fall Semester Closes 5:30 p.m.             | December 20, Friday    |
| December Commencement                      | December 21, Saturday  |

## SPRING SEMESTER 1997

|  |                       |
|--|-----------------------|
| Spring Semester Opens 7:30 a.m.            | January 13, Monday    |
| Student Registration 8:15 a.m. - 3:30 p.m. | January 13, Monday    |
| Classwork begins 7:30 a.m.                 | January 15, Wednesday |
| Martin Luther King Jr. Recognition Holiday | January 20, Monday    |
| Mid-Semester                               | March 8, Saturday     |
| Spring recess begins 7:30 a.m.             | March 13, Thursday    |
| Spring recess ends 7:30 a.m.               | March 17, Monday      |
| Spring break begins 7:30 a.m.              | April 5, Saturday     |
| Spring break ends 7:30 a.m.                | April 14, Monday      |
| Last Class Day                             | May 9, Friday         |
| Reading Day                                | May 10, Saturday      |
| Final Examinations begin 8:00 a.m.         | May 12, Monday        |
| Final Examinations end 5:30 p.m.           | May 16, Friday        |
| Spring Semester closes 5:30 p.m.           | May 16, Friday        |
| May Commencement                           | May 17, Saturday      |

## \*SUMMER SESSION 1997

|  |                    |
|--|--------------------|
| Summer Session opens 7:30 a.m.             | June 9, Monday     |
| Student Registration 8:15 a.m. - 3:30 p.m. | June 9, Monday     |
| Classwork begins 7:30 a.m.                 | June 10, Tuesday   |
| Independence Day Holiday                   | July 4, Friday     |
| Summer Session Closes 12:00 noon           | August 2, Saturday |

\*Schedule shows the regular eight-week Summer Session. Other special course sessions may be scheduled.

## CLASS SESSIONS (EXCLUDING FINAL EXAMINATIONS)

|                 | M  | TU | W  | TH | F  | S  |
|-----------------|----|----|----|----|----|----|
| Fall Semester   | 15 | 16 | 15 | 15 | 15 | 15 |
| Spring Semester | 14 | 15 | 16 | 15 | 15 | 14 |
| Summer Semester | 7  | 8  | 8  | 8  | 7  | 8  |

The faculty is reminded of the religious and other holidays that a substantial number of students may wish to observe.

1995-96 Dates

Home Football Schedule - 1995

September 23 - Northwest Missouri  
October 7 - Emporia State  
October 21 - Central Missouri  
October 28 - Southwest Baptist  
November 11 - Missouri Western

Other Dates:

ACT Test Dates - Oct. 28, Dec. 9, 1995, Feb. 4, Apr. 13, 1996  
Spring Recess - March 14 - March 18, 1996  
Spring Break - March 30 - April 8, 1996  
EIT Exam - Saturday, April 20, 1996  
Easter - April 7, 1996



4. Commencement (December 17, 1994 and May 13, 1995)

J. Bayless (Chairman).....SE  
Barr, D.....SMM  
Bleckman, B.....Adm  
Brackhahn, D.....Adm  
Bramel, L.....Adm  
Culp, A.....SE  
Buckwalter, J.....Mil Sci  
Kramme, J.....CAS  
Moss, R.....SE  
Peterson, L.....Adm  
Sanders, D.....SE  
Stotter, D.....CAS  
Sullivan, J.....AFROTC  
Williams, L.....CAS

5. Science and Engineering Fair (March 10 and 11, 1995)

D. Elifrits (Chairman).....SMM  
Alexander, R.....CAS  
Betten, J.R.....SE  
Bieniek, R.....CAS  
Careaga, A.....Adm  
Erkiletian, D.....CAS  
Fannin, R.....SE  
Gale, N.....CAS  
Grant, S.....CAS  
Haemmerlie, F.....CAS  
Morris, J. F.....SE  
Terkonda, P. K.....SE

6. Calendar Committee

H. Metzner (Chairman).....SE  
Behr, R.....SE  
Bolon, A.....SMM  
Koederitz, L.....SMM  
Meather, M.....CAS  
Parry, M.....Adm  
Wolf, R.....SMM  
Woodfin, J.....CAS

7. UMR Industry Career Day (September 22, 1994; February 22, 1995)

Jamie Archer (Chairman).....Adm  
Armaly, B.....SE  
Bayless, Jerry.....SE  
Bleckman, W.....Adm  
Brackhahn, D.....Adm  
Careaga, A.....Adm  
Erickson, K.....SE  
Harris, F.....Adm  
Omurtag, Y.....SE

## PUBLIC OCCASIONS DATES FOR 1995-96

|  |                                       |
|--|---------------------------------------|
| Industry Career Day                            | Thursday, September 28, 1995          |
| Rolla Night at the Engineers Club of St. Louis | Thursday, September 28, 1995          |
| Student Council Free Day                       | Friday, September 29, 1995            |
| Homecoming                                     | Friday & Saturday, October 6, 7, 1995 |
| UM-Rolla Day                                   | Saturday, October 14, 1995            |
| Parents Day                                    | Saturday, October 21, 1995            |
| Commencement*                                  | Saturday, December 16, 1995           |
| Spring Career Day                              | Wednesday, February 21, 1996          |
| Science and Engineering Fair                   | Friday & Saturday, March 29, 30, 1996 |
| Spring Open House                              | Saturday, March 23, 1996              |
| Commencement*                                  | Saturday, May 11, 1996                |

\*Approved as part of 1995-96 calendar

# THE CONSTITUTION OF GAMMA BETA SIGMA

## ARTICLE I: GENERAL

### Section 1: Name

1.01 The name of this organization shall be Gamma Beta Sigma, hereafter referred to as the Sorority.

### Section 2: Purpose

2.01 The purpose of Gamma Beta Sigma shall be to:

install a new chapter of a national sorority on the campus of the University of Missouri-Rolla; promote sisterhood, unity, philanthropy and learning among our peers.

### Section 3: Advisor

3.01 Each semester Gamma Beta Sigma will elect a faculty/staff advisor to oversee all activities of the Sorority.

3.02 The advisor will attend at least one meeting per month, aid the Sisters in representing Gamma Beta Sigma, check grades of all members, correspond with University officials, and other duties and responsibilities as required by the University.

### Section 4: Constitutional Adoption

4.01 This constitution is the original constitution of Gamma Beta Sigma sorority on the University of Missouri-Rolla campus. It was officially adopted on September 11, 1994. A 80% affirmative vote of all active members is necessary for this constitution to be adopted.

4.02 This constitution shall be presented to the University of Missouri-Rolla Student Affairs Committee and the Academic Council or their designated representatives for approval. After said approval, it shall become operative and effective immediately.

## Section 5: Constitutional Amendments

- 5.01 This constitution may be amended or revised by a seventy-five percent (75%) vote of total active membership of the sorority, provided the proposed change has been presented in writing at a previous regular meeting. Amendments will become effective upon approval by the sorority's advisor, Student Affairs Committee and the Academic Council or their designated representatives.

## Section 6: By-Laws

- 6.01 Gamma Beta Sigma shall have By-laws set forth by the active membership of the sorority. The By-Laws may be modified as deemed necessary by the active members of Gamma Beta Sigma.
- 6.02 A positive two-thirds (2/3) vote of the total active membership of Gamma Beta Sigma shall be required to ratify or amend a by-law. This by-law shall become effective immediately upon notification of the sorority's advisor and approval by the Student Affairs Committee and the Academic Council or their designated representatives.

## ARTICLE II: BASIC POLICIES

### Section 1: Rules of Order

- 1.01 Robert's Rules of Order, Newly Revised, unless otherwise specifically stated in this constitution, shall govern the procedure of this organization.

### Section 2: Promotion of Gamma Beta Sigma

- 2.01 The name of this organization or the names of any members in their official capacities shall not be used in connection with a commercial concern or for any purpose not appropriately related to the promotion of Gamma Beta Sigma.

### Section 3: Unity Statement

- 3.01 This association shall not discriminate on the basis of race, creed, nationality, religion, or affectional orientation.

ARTICLE III:       STRUCTURE

Section 1:    Membership

- 1.01           Members of Gamma Beta Sigma shall be classified as active, inactive, pledge, conditional, or alumni.
- 1.02           All active members of Gamma Beta Sigma shall be full-time female students of the University of Missouri-Rolla maintaining a cumulative grade point average of at least 2.0 on a 4.0 scale. Members shall be considered active following initiation and upon payment of dues by deadline stated in the by-laws.
- 1.03           Formerly active members of the Sorority who are enrolled at the University of Missouri-Rolla but do not pay membership dues will be classified as inactive. Inactive members are not considered in good standing, and therefore do not have the privileges of active membership.
- 1.04           Pledges of Gamma Beta Sigma are associates of the sorority who have received and accepted a bid card and have completed the formal pledging ceremony but have not yet acquired active status. Pledges do not have the privileges of active membership, and therefore are not required to pay membership dues for their pledge semester.
- 1.05           Conditional status in the Sorority may be maintained for a period of one (1) year by a formerly active member in good standing. Conditional status must be requested in writing from the chapter when conflicts arise due to non-academic obligations that prevent the member from fully participating in sorority activities. Members who meet the criteria shall be granted conditional status upon payment of the current year's membership dues. After one (1) year, if the member has not claimed Active or Alumni status, she will be classified as inactive with the organization.
- 1.06           An alumni member of the sorority is one who has terminated her affiliation with the University of Missouri-Rolla and whose rights and responsibilities as an active member are thus discontinued.
- 1.07           No member of Gamma Beta Sigma shall be an initiated member of any other social sorority.



- 1.08 In the event that an active member is put on academic or social probation by the University, the member is automatically placed on an Academic Enhancement program as defined in the By-Laws and shall personally restrict her social activities until she regains her normal status.
- 1.09 Only active members shall have voting privileges.
- 1.10 Dues will be determined by active members when necessary as stated in the by-laws.
- 1.11 Any member of Gamma Beta Sigma who fails to carry out her duties as designated by this constitution; or fails to meet her financial obligations to the organization; or conducts herself in such a manner as to disgrace the Sorority shall be brought before the organization for the purpose of recall or suspension.
- 1.12 Upon due cause, any member shall have the right to present charges against another member at any meeting specifically called for this purpose. The member in question, along with all members of the Sorority, must be informed with written notification seven (7) days prior to the meeting at which the charges are to be presented.
- 1.13 Upon being informed, the member in question may or may not appear at the meeting to speak on her own behalf.
- 1.14 A three-fourths (3/4) vote of the total active membership is required to suspend or remove a member. The member in question will be informed of vote totals upon request.
- 1.15 Without the consent of the member in question, no matter can be tried at the same meeting at which charges are presented.
- 1.16 The member in question shall be given an opportunity to speak in her own behalf and defense. The members of the Sorority shall be permitted to cross-examine the member in question. After all evidence has been presented and the member in question has made her statement, she shall be retired from the room, the members shall deliberate and vote as to whether or not the member in question should be suspended or removed.

## Section 2: Officers

- 2.01 The officers of Gamma Beta Sigma shall be: President, Vice-President, Secretary, Treasurer and Historian.
- 2.02 The officers of Gamma Beta Sigma, together with the sorority's advisor, shall comprise the Executive Council. The Executive Council shall have authority and be responsible for the execution and enforcement of this constitution.
- 2.03 Each officer of Gamma Beta Sigma shall be an active member of the sorority who is not on academic or social probation and who maintained a 2.0 current grade point average for at least one semester prior to serving term. They shall possess the ability of representing the organization under all ordinary conditions. Each officer shall work for the best interest of Gamma Beta Sigma and shall be willing and able to devote the necessary time and energy to the execution of the office.
- 2.04 The active members of Gamma Beta Sigma shall nominate officers at the next to last regularly scheduled meeting of the semester. Elections shall be held at the last regularly scheduled meeting following further nominations. Each officer will take office following their installation at the last meeting of the semester.
- 2.05 All officers serve a term of one semester. Officers are limited to serving in the same office for no more than two consecutive full terms. Officers shall serve their terms without compensation.
- 2.06 Officer elections will consist of an open discussion of each nominee by the active members excluding the said nominees. After the close of the discussion, the vote will be taken by secret ballot of all active members including the nominees.
- 2.07 Special elections will be held during the semester if and when vacancies occur. Two meetings shall be necessary for this purpose, the first for nominations and the second for further nominations and elections. During the time of vacancy, the President shall appoint an interim officer or, in the case of the office of President being vacated, the Vice-President shall act as interim President as well as Vice-President.

- 2.08 The President shall be designated as the Executive Officer of Gamma Beta Sigma and shall preside at all meetings of the organization. She shall sign all contracts or other instruments of business of the sorority.
- 2.09 The Vice-President shall be a non-voting member of all standing committees, except in the event of a tie. She shall also assist the President and preside at organization meetings in the absence of the President. She shall also be a Sisters In Training for Initiation (SITI) coordinator. In the event that the President cannot fulfill her duties, the Vice-President shall assume the President's position for the remainder of that term.
- 2.10 The Secretary shall record minutes of all sorority meetings, maintain a permanent and current record of each member and pledge of the sorority, including, but not limited to: name, address, and meeting attendance and probation status. She shall also be responsible for all general correspondence of Gamma Beta Sigma.
- 2.11 The Treasurer shall create a budget for her term of office as defined in the By-Laws, control all monetary receipts and disbursements and shall make recommendations concerning financial policies of the sorority. A record of all sorority transactions shall be kept intact from term to term. She along with the President will be required to sign any checks relating to sorority activities. She shall also be a member of the Fundraising committee.
- 2.12 The Historian shall have the responsibility of maintaining a current written and photographic history of the sorority, its activities and achievements. These records shall be kept intact from term to term. She shall be an SITI coordinator and a member of the Rush Committee.
- 2.13 Officers of Gamma Beta Sigma, with the exception of the President, shall have one vote at all meetings of the organization. The President shall vote only in the case of a tie.
- 2.14 Any officer of Gamma Beta Sigma who fails to maintain a 2.0 current and cumulative grade point average shall automatically be removed from her position.

2.15 Any officer of Gamma Beta Sigma who fails to carry out her duties as designated by this constitution shall be brought before the organization for the purpose of recall.

2.16 The procedure for officer removal will be performed in the same manner as member suspension/removal as stated in Article III, Section 1, Paragraphs 1.12 through 1.16.

### Section 3: Committees

3.01 The standing committees of Gamma Beta Sigma shall be fundraising, social, service, rush and scholarship.

3.02 Each active member of Gamma Beta Sigma shall be a member of at least one standing committee.

3.03 The Rush Committee shall manage publicity and organization of all Gamma Beta Sigma rush events.

3.04 The Service Committee will be responsible for organization and completion of all service, charity, and/or philanthropic fundraising projects of Gamma Beta Sigma.

3.05 The Fundraising Committee will be responsible for fundraising for the private use of Gamma Beta Sigma.

3.06 The Social Committee will be responsible for the organization and publication of all Gamma Beta Sigma social events, including those involving other organizations.

3.07 The Scholarship Committee will be responsible for overseeing the Academic Enhancement program as stated in the By-Laws.

3.08 The position of committee chairs shall be elected by all active members at that same time and in the same manner as officer elections. The position of co-chair will be decided upon within each individual committee.

### Section 4: Meetings

4.01 Regular meetings shall be held weekly throughout the academic year of the University of Missouri-Rolla as scheduled by the active membership. The first meeting of each semester shall be called by the President.

- 4.02 Special meetings may be called by a majority of Executive Council with at least two (2) days posted notice and upon personal notification of each expected participant.
- 4.03 Fifty percent of all active members of the sorority, together with at least three officers, shall constitute a quorum.
- 4.04 All active members of Gamma Beta Sigma are expected to attend all regular and special meetings, ceremonies and projects of the sorority. A merit system will be used to monitor involvement, as defined in the By-Laws.
- 4.05 A member shall be excused from a meeting, ceremony or project if prior written notification of such absence is given to an officer. The officer is then responsible for giving the written notice to the Secretary. Excused absences are defined in the by-laws.

#### ARTICLE IV: PLEDGING

##### Section 1: Bids

- 1.01 A three-fourths (3/4) affirmative vote of all active members present at a designated selection session is required to extend a bid.
- 1.02 In order to become a pledge, a candidate must receive and accept a bid from an active member of Gamma Beta Sigma.

##### Section 2: Status

- 2.01 A pledge of Gamma Beta Sigma is an associate of the sorority who has received and accepted a bid card and has completed the formal pledging ceremony but has not yet acquired active status.
- 2.02 Pledges represent Gamma Beta Sigma at all times during the pledge period and therefore they are allowed to PROUDLY wear Gamma Beta Sigma greeks upon completion of the formal pledging ceremony.
- 2.03 Any pledge who has completed the formal pledging ceremony may not accept an invitation to pledge another sorority while she is a candidate for initiation into Gamma Beta Sigma.

2.04 Once a candidate has de-pledged Gamma Beta Sigma, she is not allowed to be given another bid card from Gamma Beta Sigma until one full calendar year after she has de-pledged.

2.05 Gamma Beta Sigma will not extend a bid to any woman who has received a bid from another sorority within the last semester or who had de-pledged any sorority within the last year.

### Section 3: Pledge Program

3.01 The pledge program of Gamma Beta Sigma is entitled SITI: Sisters In Training for Initiation. The program will consist of various activities, ceremonies, lessons, and tests to prepare each candidate for initiation into Gamma Beta Sigma as prescribed by the SITI Manual.

3.02 The SITI program will last sixty days, beginning with the formal pledging ceremony. Initiation will then take place upon completion of the SITI program.

3.03 SITI candidates will be expected to learn basic information concerning, but not limited to, Gamma Beta Sigma, its members, and the Greek System at the University of Missouri-Rolla.

3.04 SITI candidates are also expected to actively participate in activities of Gamma Beta Sigma, including, but not limited to: service, social and fundraising events as defined in the By-Laws.

3.05 SITI meetings will be conducted by the Vice-President, Historian, and Pledge Trainer of Gamma Beta Sigma. They will be held weekly throughout the pledge period beginning with the formal pledging ceremony. Special meetings may be called by any of these three women.

### Section 4: Initiation

4.01 A pledge shall be initiated into active membership in Gamma Beta Sigma upon satisfactory completion of pledge requirements as set forth in the SITI program and by-laws.

# BY-LAWS OF GAMMA BETA SIGMA

- 1.01 Dues Dues shall be paid to the Treasurer by the fourth Friday of each semester. If not received by that time, the delinquent member will be classified as an inactive member until payment is received.
- 1.02 Budget The budget will be created every semester by the Treasurer. It must be approved by a simple majority vote of all active members.
- 1.03 Participation The participation requirements of all active members are as follows:
- Service projects: 50% of total service hour opportunities.
  - Active meetings: 100% attendance (max. 1 1/2 hour).
  - Fundraising events: 100% participation.
  - Social activities: 50% attendance.
  - Intramural sports: participation in 50% of the sports played either as a player or a spectator.
  - Rush: 50% attendance.
- 1.04 Pledge Participation The participation requirements of all pledges are as follows:
- Service projects: 50% of total service hour opportunities.
  - Active meetings: 50% attendance (max. 1 1/2 hour).
  - Pledge meetings: 100% attendance.
  - Fundraising events: 100% participation.
  - Social activities: 50% attendance.
  - Intramural sports: same requirements as actives.
- 1.05 Intramural Fines Any member who commits herself to play an intramural sport and causes Gamma Beta Sigma to have to forfeit a game and incur a fine will pay the fine. If more than one person is involved, then those people will split the fine.
- 1.06 Absences An excused absence is defined as: two or more tests/quizzes/lab reports the next day, an illness that endangers the affected person or other members, personal or family emergencies, University planned activities, and pre-

planned personal or family activities as approved by an officer.

1.07 Voluntary Positions The following positions shall be assumed on a voluntary basis with a majority vote needed in the case of multiple volunteers: Student Council representative, IM manager, parliamentarian, pledge trainer, Homecoming Steering Committee, Homecoming judge, and any other representative positions on the UMR campus.

1.08 Honorary Positions The honorary positions of St Pat's queen candidate, Homecoming queen candidate, St. Pat's student knight, and any other honorary representative positions on the UMR campus, shall be voted on by all members at the appropriate times during the year.

1.09 Academic Enhancement Program The academic enhancement program will be defined on a semester basis by the Advisor. It shall be voted on at the first meeting of each semester and approved by a 2/3 affirmative vote.

1.10 Fines The following fines shall be levied against individual members for the following unexcused reasons:

- Late to a meeting (up to 20 minutes): \$1.00.
- Missing a meeting (or over 20 minutes late): \$5.00.
- Missing a fundraiser: \$5.00.
- Failing to meet the minimum requirements for service projects or social events.
  - Service projects: \$10.00.
  - Social events: \$5.00.
  - Intramurals: \$5.00
  - Rush: \$5.00





UNIVERSITY OF MISSOURI-ROLLA  
*Missouri's Technological University*

Office of the Vice Chancellor

Academic Affairs

204 Parker Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4138  
FAX (314) 341-6306  
EMail [gajda@ee.umar.edu](mailto:gajda@ee.umar.edu)

December 7, 1994

MEMORANDUM TO: Lance Haynes, Chair  
RP&A Committee

FROM: Walter J. Gajda, Jr. *Walt*  
Vice Chancellor for Academic Affairs

SUBJECT: Cyberporn

I write to you in your capacity on the Academic Council. The matter of cyberporn has been much on my mind in recent weeks. The other evening a student downloaded a particularly distasteful image and walked out of a Computer Learning Center leaving this on the monitor where it was displayed, to the discomfort of several other students, for several hours. I am seeking the appropriate forums in which to discuss the broad dimensions of this issue to determine whether or not the campus needs to develop and promulgate an appropriate policy.

Let me be clear that I believe that such a policy can be implemented with appropriate respect for freedom of speech and the ideas of the academy. In particular, I hasten to add that my present thinking is not along the lines of attempting to restrict individual access to any part of the INTERNET. However, I am uncomfortable with the large number of pornographic bulletin boards to which UMR subscribes. By the way, these subscriptions are not a matter of official policy, rather they represent, I would suspect in most cases, the initiative of a relatively few individuals. The existing subscriptions provide for the automatic downloading of any images or text posted on the bulletin board server. I believe that it would be possible to differentiate between individual access to certain classes of material and university wide subscriptions to such material. If I may use an analogy, our library does not subscribe to certain magazines even though these magazines are widely available to interested individuals.

My own thoughts in this matter are not fully refined and I believe there are a number of issues which could be discussed in depth by various constituencies on the campus. I would appreciate any thoughts or advice you could give me about appropriately engaging the Academic Council in the process.

WJG/bjc



UNIVERSITY OF MISSOURI-ROLLA  
Missouri's Technological University

Philosophy and Liberal Arts

G-4 Humanities-Social Sciences Building  
Rolla, MO 65401-0249  
Telephone (314) 341-4869  
Fax: (314) 341-6312

TOWARDS AN IMPROVEMENT OF THE RACIAL CLIMATE AT UMR

Remarks Read to the Academic Council, December 8, 1994

by Jerry Cohen  
Professor of German and Russian

A handwritten signature in black ink that reads "Jerry Cohen".

I. MY 11/28/94 MEMO to THE ACADEMIC COUNCIL

SUBJECT: An Early-Warning Signal on Racial Matters at UMR

I write to you with a profound sense of unease concerning the racial climate on campus and what is or is not being done about it. The issues are so sensitive that I will here limit myself to a few general remarks:

- 1) I am troubled that the Campus Climate Committee has not met in several months. Just at the time the activity of the committee was supposed to be at its height, the committee seems to have gone into hibernation.<sup>1</sup>

The committee was established by the Chancellor in the aftermath of the very public protests last spring by the African-American students. By addressing such issues as the administration of justice on campus, the committee would help reassure the campus--and, in particular, the African-American students--that UMR really is a beacon of justice, fairness, and concern for the welfare of all components of the UMR community.

The Campus Climate Committee was therefore intended as a safety valve. And that safety valve is presently not working.

---

<sup>1</sup> (Dec. 7): A meeting was announced on November 29, but a quorum failed to appear.

- 2) A wide and disturbing gap has arisen between the African-American students and the people who wield power on campus, and it is important that the gap be bridged as soon as possible. Two thoughts come to mind in this regard:
- a. I respectfully suggest that the chancellor consider meeting regularly with the leaders of UMR's African-American organizations; once monthly, at least at the beginning, might be best. A key to improving the racial climate on campus is the undramatic one of better communication, and the initiative for the meetings should come from the chancellor.
  - b. I would like to make the following motion at the next meeting of the Academic Council

The Academic Council shall establish an ad hoc Campus Climate Committee of its own--drawn from a list of people in whom the African-American students/staff members/student officers express confidence. The committee will be authorized to look into the various aspects of campus climate and report its observations and recommendations to the Academic Council as a whole.

The issues of diversity/justice/the perception of justice are so important to the welfare of this campus that they should be dealt with by all segments of the power structure on campus (administration, Academic Council). If ever a complex task facing this campus required a combined effort, this is it.

## II. A FEW MORE THOUGHTS

This whole issue is very much a matter of honor for the campus. After the protests of last spring the Rolla campus promised that the concerns of the African-American students would be addressed. The chancellor established the Campus Climate Committee primarily for this purpose, and as a sign of the seriousness he attached to its work, he gave the committee a budget of \$10,000.

But since then there has been nothing but delay. Nothing at all was accomplished during the summer months, because the committee could not meet due to the absence of most of its members, viz. the students. Then came the fall semester, and once more virtually nothing was done. Now we have the Christmas vacation before us, and once again--unless we take action now--there will be a further delay.

If the racial situation at UMR were a problem that could solve itself, the present approach would be appropriate. But the problems with the racial climate at UMR are most definitely not in the process of solving themselves. The problems are very real and virtually cry out for the concern and attention of the UMR faculty and administration.

So, last spring we as a campus promised to address the concerns of the African-American students, and we have failed to deliver on that promise. It is important that we now take steps to correct that. When we as a campus give our word, we must keep it. There really is no other viable strategy. The present Campus Climate Committee is a failed experiment; it has forfeited its credibility as an effective body; and we must not now ask the African-American students to accept still one more delay while that committee tries to get its act together.

We must look elsewhere for a solution, and for the sake of restoring this campus's credibility in racial matters, I hope the Academic Council will be willing to play an important role. The racial problems on campus can be effectively dealt with; but this will require the combined energy and wisdom of all segments of the UMR community.



UNIVERSITY OF MISSOURI-ROLLA

Academic Council

202 Norwood Hall  
Rolla MO 65401 0249  
Telephone (314) 341-4972

Academic Council Meeting  
Thursday, December 8, 1994; 1:30 P.M.; G-5 H/SS

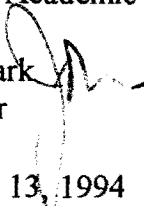
- I. Approval of minutes of the October 27, 1994 meeting.
- II. Reports and Responses
  - A. President-Elect's Report (To include IFC) (5 min.) Greg Gelles
  - B. Chancellor's Report (10 min.) John Park  
(10 minutes for Questions & Answers)
- III. Reports of Standing and Special Committees
  - A. Curricula (5 min.) Howard Pyron
    - 1.\*Report No. 3
  - B. Parking, Security, and Traffic (No report)
    - 1. Parking permit procedure
  - C. Personnel (No report)
    - 1. Faculty Awards Procedure
    - 2. Annual Review of Administrators
    - 3. Proposed Changes to Grievance Procedure
  - D. Public Occasions (5 min.) Jerry Bayless
    - 1.\*Calendar
  - E. Student Affairs (5 min.) Matt Benz
    - 1.\*Constitution
  - F. Task Force on Curriculum (10 min.) William Tranter
- IV. Old Business
- V. New Business and Announcements
  - 1. Professor Jerry Cohen

\*Information distributed with agenda to Academic Council members and department chairs.

## INTEROFFICE MEMORANDUM

University of Missouri-Rolla  
Office of the Chancellor

**TO:** Jerry Westphal  
President, Academic Council

**FROM:** John T. Park   
Chancellor

**DATE:** December 13, 1994

**RE:** Rescheduled Classes

Students are continuing to have problems with rescheduled classes. I suspect they are more willing to complain to me than they are to the professor in the class involved. While the concern about retribution is, I believe, unjustified, that fear nevertheless exists and prevents students from insisting that the university's rules be followed relative to rescheduling the instruction tests and examinations.

I have attached a copy of our academic regulations relative to rescheduling instruction tests and examinations. The statement requires that care must be taken and that rescheduling does not infringe unduly on the rights of the students and that all rescheduling **must have the written approval of the department chairperson and be coordinated through the Registrar's office.**

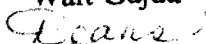
While the rescheduling cases reported by some of the students appear to be driven from the convenience of the instructor, there are, in many cases, valid academic reasons for rescheduling classes or tests. Even cases where there is an overriding need to reschedule a class or test, the welfare of the students should be paramount. The class rescheduling may well place a student's job in jeopardy, and could seriously interfere with a co-curricular activity which is, in itself, an important part of the student's total education.

I would like to urge the Academic Council to strongly encourage the faculty to voluntarily follow the university's academic regulations and encourage the department chairs to strongly enforce both the spirit and intent of the academic regulations relative to rescheduling classes and examinations.

Please feel free to give me a call if you have any questions or concerns.

JTP/lm

cc: Department Chairs  
Walt Gajda



Attachment



UNIVERSITY OF MISSOURI-ROLLA  
Missouri's Technological University

School of Engineering

Department of Civil Engineering

Butler-Carlton Civil Engineering Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4461  
Fax (314) 341-4729

**MEMO**

**TO:** Prof. Jerome A. Westphal  
**FROM:** Prof. Charles E. Dare *C. Dare*  
**DATE:** December 14, 1994  
**RE:** Enforcement of Course Prerequisites

---

It has come to my attention that there is some confusion regarding the enforceability of published prerequisites for courses in our department with respect to students from other majors taking those courses. Specifically, I would like to determine if a civil engineering faculty member would have the authority to deny enrollment in a civil engineering course to any student (regardless of their major) if they did not satisfy all course prerequisites.

For example, could an instructor of CE 230, Elementary Fluid Mechanics, refuse to enroll a student from a major such as mining engineering if the student had not completed Basic Engineering 50 with a grade of "C" or better? As you know, we strictly enforce the "C" or better requirement on students who are civil engineering majors, but there is some doubt that we can enforce that prerequisite on students who are not civil engineering majors. I should hope that out of fairness to all students involved, and in the interest of improving quality of the course and meaningfulness to the student, we would be able to enforce such a prerequisite uniformly to all prospective students for a class regardless of their major.

It is my understanding that questions of this nature may be considered by the UMR Academic Council for resolution and clarification.

Any assistance you could provide would be greatly appreciated.

CED:dac

cc: Richard Stephenson  
Rodney Lentz

*Jerry - Also see  
attachments concerning  
present regulations  
Are these insufficient?  
C.D.*

**III. Schedules:**

**1. Definition of Credit Hour and Grade Point.**

A credit hour is the credit obtained for satisfactorily passing a course of approximately 16 classroom hours. Three laboratory hours are considered the equivalent of one classroom hour. Grade points for each credit hour are assigned as follows: For a grade of A, four (4); for B, three (3); for C, two (2); for D, one (1); for F, zero (0). No grade points are assigned to credit earned for courses taken under the "Pass/Fail" option, and credit hours scheduled under this option are not used in calculating grade point averages.

**2. Permissible Schedules.** The normal undergraduate schedule consists of not more than 19 credit hours in the School of Engineering and the School of Mines and Metallurgy, 18 credit hours in the College of Arts and Sciences, and 18 credit hours for other students. If you have a grade point average of 2.5 or higher (see Section VIII-7, Determining Scholastic Standing) you may, with the permission of your adviser, take extra hours according to the following schedule:

- Cumulative grade point average **2.5 or above** - **1 extra hour**
- Cumulative grade point average **2.75 or above** - **2 extra hours**
- Cumulative grade point average **3.15 or above** - **3 extra hours**

For additional hours or for any schedule exceeding 23 hours, including military courses, you must petition the dean of your school or college. The normal schedule specified above may be increased by the credit hours prescribed for Military Science/Aerospace Studies for ROTC enrollees. The normal schedule for a first semester freshman shall be 17 credit hours. A total of 19 credit hours may be scheduled by ROTC enrollees.

**3. Prerequisites.** You will not be admitted to any course (except as a "hearer") unless you have

fulfilled all of the prerequisites or co-requisites stated in the catalog, or have obtained permission to waive the prerequisites or co-requisites for the course. Petition forms are available from the Registrar's Office. For the purpose of satisfying prerequisites, a course in which you earned an "I" grade cannot be used.

**4. Back Work to be Scheduled First.** In making out a schedule of studies, back work must be scheduled first, then required work, advanced work, and electives, in the order named. Incompletes cannot be scheduled, but you must arrange with the instructor concerned to do whatever work is necessary to remove the incomplete (see Section VIII-2, Time Limit for Removing Incompletes).

**5. Credit Required for Degree.** An undergraduate student may be granted an earned degree only if he or she completes the last 60 hours toward the degree in residence at UMR. A student may, with departmental approval, take up to 15 hours of this 60 hours off campus. If the student wishes to exceed 15 hours (of the last 60 hours) taken off campus, the student must obtain approval of the dean of the student's school or college upon recommendation of the student's department chairman.

In order to receive a bachelor's degree, you must obtain credit in all of the required subjects listed in one of the curricula and sufficient additional credit in approved electives to make a total of at least 132 hours in engineering, 112 in science (unless explicitly allowed by degree curricula, credit received for algebra, trigonometry, and in some curricula, Military Science/Aerospace Studies, cannot be used in fulfilling degree requirements), or 120 for bachelor of arts (not including Bachelor of Military/Aerospace Studies). Combinatorial curricula leading to two baccalaureate degrees can be arranged in any two fields. The amount of additional credit required for the second baccalaureate degree will be based on the student's educational background and



7. **Dropping Courses:** Courses dropped during the first six weeks of a semester (three weeks of an eight-week summer session) will not be recorded on the transcript. If a course is dropped after six weeks of a semester, but prior to the last three weeks of classes (fifteen class days), a WD (Withdrawal) will be recorded on the permanent record by the Registrar.

A course may not be dropped during the last three weeks of class (fifteen class days) or during final examination week.

A change from credit to hearer status requires the student to drop the course for credit and add it as a hearer. The change can only be made in the first six weeks of a semester (three weeks during Summer Session). A copy of the ADD/DROP form is returned to the advisor by the Registrar's Office after the drop slip is processed. Permission to drop a course will not be given until all laboratory or other equipment has been checked in to appropriate persons, and until lockers and other storage space have been vacated.

8. **Students Dropped by Instructors:** A student may be dropped from a course by the instructor because of excessive absences or unsatisfactory work. No transcript record will be made if dropped during the first six weeks of a semester (three weeks of an eight-week summer session). If dropped after six weeks of a semester (three weeks of an eight-week summer session), a WD (withdrawal) will be recorded on the transcript. A student may not be dropped during the last three weeks of class (fifteen class days) or during final examination week.

A student may be dropped from a course by the instructor if he/she does not have prerequisites for the course and has not obtained permission to waive the prerequisites from the chair of the department concerned and his/her academic advisor. (Waiver of prerequisite forms are available in the Registrar's Office). In all such cases the instructor shall notify the Registrar in writing.



9. **Withdrawals:** Withdrawals from school must be completed three weeks (fifteen class days) prior to the last day of class. The student must process a specified form in the Registrar's Office.

If a student withdraws **prior to two weeks past mid-semester** (one week during summer session) he/she will receive no grades for that semester.

If a student withdraws **after two weeks past mid-semester**, he/she may receive credit for courses which have actually been completed at the time of withdrawal. In other courses, no grades shall be recorded.

The student will have the same academic status at the beginning of the semester in which he/she withdrew. However, students on academic deficiency must reapply for admission.

10. **Incompletes:** The purpose of the "I" grade is to allow a student to complete a course when, due to illness or unavoidable absence within the last three weeks of classes plus finals week (last week and a half plus the final exam period of a Summer Session), he or she would otherwise be unable to do so. The intent is to provide a means for completing a course without having to retake the entire subject for lack of fulfillment of one or two requirements of the course.

The grade of "I" will be given only at the end of a semester, if the student had been prevented from completing a course by sickness or unavoidable absence during the above described time frame and if the student had a passing grade in the course up to the time of such sickness or unavoidable absence.

A form, obtained from the Registrar's office, must be completed, signed by the instructor of the course and approved by the chair of the department responsible for teaching the course before the grade of "I" can be given. This approved form is retained in the departmental office.

January 27, 1995

TO: Professor Lance Williams

FROM: Professor Jerry Westphal  
President, Academic Council

SUBJECT: Referrals to Admissions and Academic Standards Committee

1. Education 104 (Teacher Field Experience) and T-164 (Aiding Secondary Schools), as examples, are "lab" courses and Eva Lee Lasater does not feel comfortable trying to give letter grades; rather, she prefers S/U. Is there a "rule" that we can offer to address this matter? Might it apply in other instances as well?

2. What should happen to the GPA of a student who transfers from a school using a varied scale that applies + & - numbers to grades? For example, if UMC is to use 4.33 for A+, how should we treat such a grade in a transfer?

As you requested, I am formally referring these items to your committee. I will appreciate your addressing them.



UNIVERSITY OF MISSOURI-ROLLA

Academic Council

202 Norwood Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4972

February 10, 1995

TO: Professor Lance Haynes, Chair  
Personnel Committee

FROM: Professor Jerry Westphal, President  
Academic Council

SUBJECT: Referrals

I am referring the two attached issues for consideration and possible action of the Personnel Committee.



UNIVERSITY OF MISSOURI-ROLLA

*Personnel  
&  
Tenure*

Academic Council

202 Norwood Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4972

February 2, 1995

TO: Jerry Westphal, President  
Academic Council

*ABB SLK BML DRP*

FROM: Concerned Faculty (Professors Bryant, Clark, Lutz, Perry, and  
Wickerson)  
*KWW*

REFERENCE: Tenure and Promotion Committee Process

We are writing to express our concern with the lack of established procedure governing the process by which college and campus tenure and promotion committees reach their decisions. In our opinion, each committee should be required to determine, as an early order of business, its own decision-making procedures. The current lack of established procedure makes it possible for an authoritarian chair to simply assert that balloting will be closed (or open), and thus preclude what we believe to be a most important part of the overall process.

It is not our intention to prescribe any particular system of balloting. We note, for instance, that some campuses use other procedures, e.g. requiring committee members to absent themselves during votes on cases from their own departments, and believe committees should be encouraged to find their own best approaches. Thus we feel that the faculty's best interests will be served by requiring (i.e. by procedure memorandum change) each committee to discuss and determine its own procedures. It would be wise if the vote to determine procedure were required to be by open ballot, in any case, thereby encouraging open discussion by the group of its own process.

We request that you take appropriate action on this matter through the Academic Council.



*Handwritten signature*

**Affirmative Action and Equal Opportunity**

312 Library  
Rolla, MO 65401-0249  
Telephone (314) 341-6314  
FAX (314) 341-6306  
BITNET C5213@UMRVMB

**UNIVERSITY OF MISSOURI-ROLLA**  
*Missouri's Technological University*

**MEMORANDUM TO:** Dr. Jerome A. Westphal, Chair, Academic Council and W. Lance Haynes, Chair, Personnel Committee

**FROM:** Herman Smith, Chair, Committee on Campus Environment. *HMS*

**DATE:** February 7, 1995

**RE:** Sexual/Racial Harassment Policies

The Committee on Campus Environment passed a motion at their last meeting (January 17, 1995), empowering the Academic Council/Personnel Committee to review its rules and procedures pertaining to their sexual/racial harassment policies and if flaws are found to make recommendations to Academic Council on how they can be corrected.

We would also like to ask if it would be possible for the Personnel Committee to hold their meetings on Fridays so that individuals that are interested can attend.

HS/ksc

cc: Dr. John T. Park, Chancellor  
Mr. Lawrence C. George, Assistant to the Chancellor for AA/EO

FEB 2 - 1995

To: Chancellor's Staff Group  
Academic Council

OFFICE OF THE VICE PRESIDENT  
FOR ACADEMIC AFFAIRS  
309 UNIVERSITY HALL  
314 882-6396

From: Chancellor's Office

2-2-95

February 1, 1995

TO: Chancellor John T. Park

FROM: Richard Wallace

*Richard Wallace*

Enclosed for your information is an official record of Board action on January 27, 1995, on a matter affecting your campus. Please communicate this action to other offices, as appropriate, and maintain in your campus files for future reference.

Thank you.

em

Enclosure: UMR 1996-97 Academic Calendar

cc: President George A. Russell

BOARD RECOMMENDATION

Date January 17, 1995

Subject UMR 1996-97 ACADEMIC CALENDAR

The University of Missouri - Rolla Academic Council voted at their December 8, 1994 meeting to approve the academic calendar for the 1996-97 school year as attached.

APPROVED \_\_\_\_\_ DATE OF SIGNATURE  
*CH* DATE 1-27-95

Approved \_\_\_\_\_  
Chancellor

Signed \_\_\_\_\_

Approved \_\_\_\_\_  
President

Date \_\_\_\_\_

FALL SEMESTER 1996

|  |                        |
|--|------------------------|
| Fall Semester Opens 7:30 a.m.              | August 20, Tuesday     |
| Freshmen Orientation                       | August 20, Tuesday     |
| New Student Orientation                    | August 21, Wednesday   |
| Student Registration 8:15 a.m. - 3:30 p.m. | August 22, Thursday    |
| Classwork begins 7:30 a.m.                 | August 26, Monday      |
| Labor Day Holiday                          | September 2, Monday    |
| Mid-Semester                               | October 19, Saturday   |
| Thanksgiving vacation begins 7:30 a.m.     | November 27, Wednesday |
| Thanksgiving vacation ends 7:30 a.m.       | December 2, Monday     |
| Last Class Day                             | December 13, Friday    |
| Reading Day                                | December 14, Saturday  |
| Final Examinations begin 8:00 a.m.         | December 16, Monday    |
| Final Examinations end 5:30 p.m.           | December 20, Friday    |
| Fall Semester Closes 5:30 p.m.             | December 20, Friday    |
| December Commencement                      | December 21, Saturday  |

SPRING SEMESTER 1997

|  |                       |
|--|-----------------------|
| Spring Semester Opens 7:30 a.m.            | January 13, Monday    |
| Student Registration 8:15 a.m. - 3:30 p.m. | January 13, Monday    |
| Classwork begins 7:30 a.m.                 | January 15, Wednesday |
| Martin Luther King Jr. Recognition Holiday | January 20, Monday    |
| Mid-Semester                               | March 8, Saturday     |
| Spring recess begins 7:30 a.m.             | March 13, Thursday    |
| Spring recess ends 7:30 a.m.               | March 17, Monday      |
| Spring break begins 7:30 a.m.              | April 5, Saturday     |
| Spring break ends 7:30 a.m.                | April 14, Monday      |
| Last Class Day                             | May 9, Friday         |
| Reading Day                                | May 10, Saturday      |
| Final Examinations begin 8:00 a.m.         | May 12, Monday        |
| Final Examinations end 5:30 p.m.           | May 16, Friday        |
| Spring Semester closes 5:30 p.m.           | May 16, Friday        |
| May Commencement                           | May 17, Saturday      |

\*SUMMER SESSION 1997

|  |                    |
|--|--------------------|
| Summer Session opens 7:30 a.m.             | June 9, Monday     |
| Student Registration 8:15 a.m. - 3:30 p.m. | June 9, Monday     |
| Classwork begins 7:30 a.m.                 | June 10, Tuesday   |
| Independence Day Holiday                   | July 4, Friday     |
| Summer Session Closes 12:00 noon           | August 2, Saturday |

\*Schedule shows the regular eight-week Summer Session. Other special course sessions may be scheduled.

CLASS SESSIONS (EXCLUDING FINAL EXAMINATIONS)

|                 | M  | TU | W  | TH | F  | S  |
|-----------------|----|----|----|----|----|----|
| Fall Semester   | 15 | 16 | 15 | 15 | 15 | 15 |
| Spring Semester | 14 | 15 | 16 | 15 | 15 | 14 |
| Summer Semester | 7  | 8  | 8  | 8  | 7  | 8  |

The faculty is reminded of the religious and other holidays that a substantial number of students may wish to observe.



UMR Committee on Campus Climate Membership  
1994-95

✓ Larry George

Assistant to the Chancellor for Affirmative Action  
312 Library

✓ Jerry Westphal

President, Academic Council ('94-'95)  
107 Civil Engineering

✓ Virginia Ryle

Chair, Staff Council ('94-'95)  
204 Parker Hall

✓ Toni Scott

Student Services Coordinator  
113 Univ. Center-West

✓ Andrew Sears

President, Student Council ('94-'95)  
(send mail to 202 UC-West)

Ben Steltenpohl

Chair, Student Council Intercultural Relations Committee ('94-'95)  
(send mail to 202 UC-West)

Monica Roberts

President, Association for Black Students ('94-'95)  
(send mail to MEP Office, 107 Norwood Hall)

✓ Christina Madrid

President, Society of Hispanic Professional Engineers ('94-'95)  
(send mail to MEP Office, 107 Norwood Hall)

✓ Laura Clemenson

President, Society of Women Engineers ('94-'95)  
(send mail to MEP Office, 107 Norwood Hall)

Michelle Miller

President, National Society of Black Engineers ('94-'95)  
(send mail to 113 UC-West)

~~Dave Stewart~~ Jeff Earker

President, Interfraternity Council ('94-'95)

(e-mail address - [gstewart@umr.edu](mailto:gstewart@umr.edu)) (prefers e-mail, or mail to 113 UC-West)

Angie Herzog  
President, Panhellenic Council ('94-'95)  
(send mail to 113 UC-West)

Jason Peters and Ian Koenig  
Co-Chairs, Residence Hall Association ('94-'95)  
(send mail to 104 Norwood Hall)

Jesus Rodriguez  
President, International Student Club ('94-'95)  
(send mail to 119 McNutt Hall, Geological and Petroleum Engr.)

Leo Oberle  
President, Transfer Student Organization ('94-'95)  
(send mail to 100 East 17th St., Rolla)

Lelia Flagg  
Assistant Director of Admissions/Student Financial Aid  
(106 Parker Hall)

Herman (JR) Smith  
National Society of Black Engineers  
(send mail to UC-West)

\* \* \* \* \*

Recently an article appeared in a magazine that is circulated throughout the U.S. and internationally in which a student indicates the only supportive environment at UMR comes from his fraternity brothers. The fraternity's faculty advisor was surprised by the article's content, as its message to parents of African-American heritage was, do not send your sons and daughters to UMR. The advisor was stunned because the same student feels UMR is an excellent place to receive a quality education.

The faculty advisor spoke with the student regarding the article and discovered that the comments were directed mostly at the non-academic aspects of campus life at UMR. He cited several examples where either he or his fraternity brothers attended meetings in which they were the only African-Americans or among the few who attended. The committee chairs and attendees failed to acknowledge their presence, seldom looked their way, and always seemed to relate with those they knew or who they felt most comfortable with. In the past, when Black organizations submitted requests for funding of specific projects, they have been interrogated extensively, whereas when a White group makes a similar request, they are seldom asked to justify the expenditures for the project. Often times, at some of these meetings, Black students are made to feel as non-entities. He experiences none of these negatives as a fraternity member because he has an opportunity to participate as a full partner. This is generally not true for Black students who attempt to participate in organizations traditionally controlled by White students.

Another area of concern is the disparate treatment Black work study students receive in some offices. Some employees who are responsible for work study students check on Black students' performances more frequently than for White students. And then there is the non-acceptance attitude of some employees who just don't want to have any kind of interaction with Black students. If they feel this way, why did they seek employment at UMR with its diverse student body?



UNIVERSITY OF MISSOURI-ROLLA  
*Missouri's Technological University*

Philosophy and Liberal Arts

G-4 Humanities-Social Sciences Building  
Rolla, MO 65401-0249  
Telephone (314) 341-4869

April 27, 1994

TO: Floyd Harris, Lawrence George, and Michael Edwards

FROM: Jerry Cohen

*Jerry Cohen*

SUBJECT: Justice, Injustice, and Mutual Consideration

When a group rises up to demand justice and basic decency, it should be careful not to commit any injustices of its own in the process.

The April 26 sit-in at the student dining-room was an injustice, infringing as it did on the right of the UMR community to enter one of its important facilities.

Every other group on campus with a grievance petitions for redress of that grievance within the confines of legality. The African-American students should do likewise.

cc. UMR Academic Council

UMR Committee on Campus Environment Membership  
1994-95

Larry George  
Assistant to the Chancellor for Affirmative Action  
312 Library

Jerry Westphal  
President, Academic Council ('94-'95)  
107 Civil Engineering

Virginia Ryle  
Chair, Staff Council ('94-'95)  
204 Parker Hall

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113 Univ. Center-West

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Chair, Student Council Intercultural Relations Committee ('94-'95)  
(send mail to 202 UC-West)

Tammie Noble  
President, Association for Black Students ('94-'95)  
(send mail to MEP Office, 107 Norwood Hall)

Christina Madrid  
President, Society of Hispanic Professional Engineers ('94-'95)  
(send mail to MEP Office, 107 Norwood Hall)

Laura Clemenson  
President, Society of Women Engineers ('94-'95)  
(send mail to MEP Office, 107 Norwood Hall)

Michelle Miller  
President, National Society of Black Engineers ('94-'95)  
(send mail to 113 UC-West)

Jeff Erker  
President, Interfraternity Council ('94-'95)  
(send mail to 113 UC-West)

*from Mary in Philosophy.  
If you have any questions  
about this, please call  
me. Thanks.*

*Karen Chapman  
6314*

Angie Herzog  
President, Panhellenic Council ('94-'95)  
(send mail to 113 UC-West)

Jason Peters and Ian Koenig  
Co-Chairs, Residence Hall Association ('94-'95)  
(send mail to 104 Norwood Hall)

Jesus Rodriguez  
President, International Student Club ('94-'95)  
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Leo Oberle  
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(send mail to 100 East 17th St., Rolla)

Lelia Flagg  
Assistant Director of Admissions/Student Financial Aid  
(106 Parker Hall)

Herman (JR) Smith  
National Society of Black Engineers  
(send mail to UC-West)

Updated 1/27/95 - ksc



UNIVERSITY OF MISSOURI-ROLLA  
*Missouri's Technological University*

Speech and Media Studies  
The Oral Communication Center

W. Lance Haynes  
Faculty Coordinator

215 Humanities/Social Sciences  
Rolla, MO 65401-0249  
Telephone (314) 341-4803  
Fax (314) 341-6312  
lance@umr.edu

February 21, 1995

TO: Jerry Westphal, President, Academic Council  
Bob Montgomery, Temporary Chair, Tenure Committee

FROM: Lance Haynes, Chair, Campus Personnel Committee

REF: Tenure Alternative Ad Hoc Committee Appointees

A handwritten signature in black ink, appearing to read 'Lance Haynes', with a long horizontal stroke extending to the right.

Two members of the Personnel Committee, Vince Roach and Ron Frank, have agreed to serve on the ad hoc committee to review tenure alternatives.

I recommend that we ask Vince Roach to serve as temporary chair to convene the group.

cc: Vince Roach  
Ron Frank  
B. Ken Robertson  
D. Ray Edwards  
Paul Stigall

# Report

## Admissions & Academic Standards Committee

Committee met Monday, 28 February 1995 to consider four referrals. Following are the recommendations:

*I. Transferred GPA numbers where transferring institution assigns partial grade points for +/- grades.*

**\* Committee recommends tabulation of GPA in accordance with the campus system, i.e., an A+, A, or A- = 4 grade points, B+, B, or B- = 3 grade points, C+, C or C- = 2 grade points, and D+, D, or D- = 1 grade point.**

*II. The question of courses like Education 104 (Teacher Field Experience) and T-164 (Aiding Secondary Schools) needing to be graded on S/U basis.*

**\*Committee recommends section VIII. 1. (Student Academic Regulations, p. 14 1994-95) be amended to include "Education laboratory" as well as (existing) categories of "orientation courses, seminars, special problems ...that authorize use of "S" or "U" grades.**

*III. How does a department enforce a minimum grade in a prerequisite course rule?*

**\*Committee notes the department has the right to enforce a prerequisite rule as detailed in the catalogue. A "C" or better requirement would need to be part of the CC 1 (Curricula Committee) process (if not currently so stated); enforcement responsibility to reside in the department.**

*IV. Student Academic Regulations (VII. Examinations. 3. Rescheduling of Instruction, Tests and Examinations) contains the statement: "all rescheduling must have the written approval of the department chairperson and be coordinated through the Registrar's Office." Students express considerable dismay that rescheduled classes create problems, and those concerns have been voiced to Chancellor Park.*

**\*It is the view of the Committee that, barring return to a unanimous consent rule to alter the scheduled pattern, the issue does not belong in our venue. Rather, it is an academic administration matter, and/or one that requires careful adherence to the 'contract' implied in matters between individual instructors and enrolled students, or between the institution and the students as delineated in such documents as the schedule of classes and catalogue. Committee invites the campus community to openly discuss the implications of any course-class activity that is scheduled outside the parameters of the posted, set time.**

Lance Williams (chr 1994-1995) Harry Eisenman Jay Gregg Wayne Huebner  
Les Koval Bruce Selburg Myron Parry





UNIVERSITY OF MISSOURI-ROLLA

Rolla, Missouri 65401-0249

School of Engineering

Department of Electrical Engineering

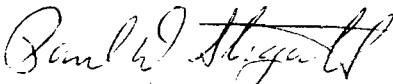
111 Electrical Engineering  
Rolla, Missouri 65401-0249  
Telephone: (314) 341-4533  
Fax: (314) 341-4532  
e-mail: stigall@ee.umar.edu

*Referred  
to  
Personnel*

March 14, 1995

Jerry Westphal:

As I mentioned at the last Academic Council meeting, I recommend the Personnel Committee review the Department Chair Search Procedure and make more consistent with the new Dean Search Procedure. Two points of the existing procedure are of concern to me. First, the way the committee is elected by Department faculty without regards to diversity. Second, the majority vote of the faculty on candidates without defining majority vote and what it means. Usually the Dean wants more than just faculty input to make the final decision.

  
Paul D. Stigall



UNIVERSITY OF MISSOURI-ROLLA  
Missouri's Technological University

Office of the Vice Chancellor

Student Affairs

106 Norwood Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4292  
FAX (314) 341-6333

March 14, 1995

TO: Dr. Jerome Westphal  
President, Academic Council

FROM: Wendell R. Ogrosky *WRO*

RE: Campus Disciplinary Process

Attached is a Student Council resolution recommending a Student Judicial Board be added to the campus disciplinary process. Also attached is University of Missouri Legal Counsel's response to the suggestion that a Student Judicial Board be implemented.

Since the UMR Student Conduct Committee is appointed by the Academic Council, it is my opinion that the Academic Council should view these documents for comments and/or suggestions.

Please advise.

WRO:sh

Attachments

cc: Dr. John T. Park, Chancellor  
Mr. Andrew Sears, Student Council President  
Mr. Brian Harris, Chair, Student Council University Relations Committee  
Mr. Keith Blackford, Student Council President Elect  
Dr. Camille Consolvo, Assistant to the V.C./Student Affairs

\wp60\files\westphal

*Referral to Student Conduct Comm*

Return-Path: <jsteele@UMR.EDU>  
 Received: from UMRVMB (NJE origin SMTPD@UMRVMB) by UMRVMB.UMR.EDU (LMail V1.2a/1.8a) with BSMTMP id 5196; Mon, 3 Apr 1995 14:27:49 -0500  
 Received: from umr.edu by UMRVMB.UMR.EDU (IBM VM SMTP V2R2) with TCP; Mon, 03 Apr 95 14:27:48 CDT  
 Received: from [131.151.10.51] (steele-pc.cas.umr.edu [131.151.10.51]) via SMTP by hermes.cc.umr.edu (8.6.9/E.3.06) id OAA11522; Mon, 3 Apr 1995 14:25:10 -0500  
 Message-Id: <aba5c3b300021004e111@[131.151.10.51]>  
 Mime-Version: 1.0  
 Content-Type: text/plain; charset="us-ascii"  
 Date: Mon, 3 Apr 1995 13:30:04 -0600  
 To: shobson@umrvmb.umr.edu  
 From: jsteele@umr.edu (Judy Steele)  
 Subject: Academic Council Committees

Shirley, what are the chances this year of conducting Academic Council Committee elections this spring rather than next fall????? Sure would be helpful if we could. I know we talked about this last year but we couldn't make it happen. If this is possible, we need to do the electing immediately. Let me know. Thanks for your help.

JUDY

Return-Path: <jsteele@UMR.EDU>  
 Received: from UMRVMB (NJE origin SMTPD@UMRVMB) by UMRVMB.UMR.EDU (LMail V1.2a/1.8a) with BSMTMP id 5357; Mon, 3 Apr 1995 14:48:34 -0500  
 Received: from umr.edu by UMRVMB.UMR.EDU (IBM VM SMTP V2R2) with TCP; Mon, 03 Apr 95 14:48:33 CDT  
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 Mime-Version: 1.0  
 Content-Type: text/plain; charset="us-ascii"  
 Date: Mon, 3 Apr 1995 13:50:49 -0600  
 To: shobson@umrvmb.umr.edu  
 From: jsteele@umr.edu (Judy Steele)  
 Subject: Academic Council Committees

SHIRLEY, I HAD AN INCORRECT ADDRESS FOR YOU THE FIRST TIME AROUND.

>Date: Mon, 3 Apr 1995 13:47:41 -0600  
 >To:lance@umrvmb.umr.edu  
 >From:jsteele@umr.edu (Judy Steele)  
 >Subject:Academic Council Committees  
 >Bcc:hobson@umrvmb.umr.edu, jackie@umr.edu

>  
 >Lance, would it be possible to conduct Academic Council Committee elections this spring rather than next fall? Every year it is a real struggle to conduct the elections at the beginning of the fall semester to obtain results in time to meet Academic Council deadlines. Plus the dept. chairs fuss because they do not have time to ask their faculty about which Committees they would like to serve on. If elections could be held in the spring, the committees would be set to start the new academic year, when it begins. Please advise. Thanks.

>

JUDY

38

Return-Path: <LANCE@UMRVMB.UMR.EDU>  
Received: from UMRVMB (NJE origin LANCE@UMRVMB) by UMRVMB.UMR.EDU (LMail V1.2a/1.8a) with BSMTMP id 5842; Mon, 3 Apr 1995 16:50:18 -0500  
Resent-Date: Mon, 03 Apr 95 16:50:01 CDT  
Resent-From: LANCE@UMRVMB  
Resent-To: shobson@umrvmb  
Resent-Message-Id: <950403.165001.CDT.LANCE@UMRVMB>  
Return-Path: <jsteele@UMR.EDU>  
Received: from UMRVMB (NJE origin SMTPD@UMRVMB) by UMRVMB.UMR.EDU (LMail V1.2a/1.8a) with BSMTMP id 5832; Mon, 3 Apr 1995 16:48:15 -0500  
Received: from umr.edu by UMRVMB.UMR.EDU (IBM VM SMTP V2R2) with TCP; Mon, 03 Apr 95 16:48:14 CDT  
Received: from [131.151.10.51] (steele-pc.cas.umr.edu [131.151.10.51]) via SMTP by hermes.cc.umr.edu (8.6.9/E.3.06) id QAA19247; Mon, 3 Apr 1995 16:45:36 -0500  
Message-Id: <aba61d5307021004ef61@[131.151.10.51]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Mon, 3 Apr 1995 15:50:31 -0600  
To: LANCE@UMRVMB.UMR.EDU  
From: jsteele@umr.edu (Judy Steele)  
Subject: Re: Academic Council Committees

please copy as referral for rp&A for next week.

-LH

-----Original message-----

THANKS FOR THE CONSIDERATION, LANCE. I'LL WAIT TO HEAR FROM YOU. WE RECEIVED THE MEMO FROM RP&A EARLIER LAST YEAR (MID MAY), BUT NOT IN TIME TO GET NOMINATIONS AND HOLD AN ELECTION BEFORE THE SPRING SEMESTER WAS OVER.

>Judy,

> I will treat your inquiry as a referral and take it to RP&A.  
>I suspect there are, alas, overriding reasons why we do it the way  
>we do, but I will check.

> Best,  
> -Lance H.

JUDY

36

Return-Path: <LANCE@UMRVMB.UMR.EDU>  
Received: from UMRVMB (NJE origin LANCE@UMRVMB) by UMRVMB.UMR.EDU (LMail V1.2a/1.8a) with BSMTMP id 5844; Mon, 3 Apr 1995 16:50:37 -0500  
Resent-Date: Mon, 03 Apr 95 16:50:29 CDT  
Resent-From: LANCE@UMRVMB  
Resent-To: shobson@umrvmb  
Resent-Message-Id: <950403.165029.CDT.LANCE@UMRVMB>  
Return-Path: <jsteele@UMR.EDU>  
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Received: from [131.151.10.51] (steele-pc.cas.umr.edu [131.151.10.51]) via SMTP by hermes.cc.umr.edu (8.6.9/E.3.06) id OAA12514; Mon, 3 Apr 1995 14:42:44 -0500  
Message-Id: <aba5feec04021004cae3@[131.151.10.51]>

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Mon, 3 Apr 1995 13:47:40 -0600  
To: lance@umrvmb.UMR.EDU  
From: jsteele@umr.edu (Judy Steele)  
Subject: Academic Council Committees

part 1 of referral.

-LH

-----Original message-----  
Lance, would it be possible to conduct Academic Council Committee elections this spring rather than next fall? Every year it is a real struggle to conduct the elections at the beginning of the fall semester to obtain results in time to meet Academic Council deadlines. Plus the dept. chairs fuss because they do not have time to ask their faculty about which committees they would like to serve on. If elections could be held in the spring, the committees would be set to start the new academic year, when it begins. Please advise. Thanks.

JUDY

43

=====  
Return-Path: <LANC@UMRVMB.UMR.EDU>  
Received: from UMRVMB (NJE origin LANC@UMRVMB) by UMRVMB.UMR.EDU (LMail V1.2a/1.8a) with BSMTTP id 8507; Tue, 4 Apr 1995 11:42:09 -0500  
Resent-Date: Tue, 04 Apr 95 11:41:52 CDT  
Resent-From: LANC@UMRVMB  
Resent-To: shobson@umrvmb  
Resent-Message-Id: <950404.114152.CDT.LANC@UMRVMB>  
Return-Path: <jackie@UMR.EDU>  
Received: from UMRVMB (NJE origin SMTPD@UMRVMB) by UMRVMB.UMR.EDU (LMail V1.2a/1.8a) with BSMTTP id 8093; Tue, 4 Apr 1995 10:14:26 -0500  
Received: from umr.edu by UMRVMB.UMR.EDU (IBM VM SMTP V2R2) with TCP; Tue, 04 Apr 95 10:14:25 CDT  
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Date: Tue, 4 Apr 1995 10:11:48 -0500  
Message-Id: <199504041511.KAA01286@hermes.cc.UMR.EDU>  
X-Sender: jackie@umr.edu  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: lance@umrvmb.UMR.EDU  
From: jackie@umr.edu (Jackie Robinson)  
Subject: Academic Council Committees  
X-Mailer: <PC Eudora Version 2.0>

Referral Part III

-----Original message-----  
Every year, the departments go through the rush of selecting nominees for the campus standing and special committees the first day of the semester. This isn't a good period for electing these individuals since the weeks prior to that deadline, faculty are out of town. The departments have complained that they get a very poor response on the election and many faculty do not have a chance to study the issue and vote appropriately. would it be possible, therefore, to have the election in April during the spring semester or else delay the election until around September 22 instead August 22?

Thanks for your consideration.



UNIVERSITY OF MISSOURI-ROLLA  
*Missouri's Technological University*

College of Arts and Sciences

Department of English

225 Humanities-Social Sciences Building

Rolla, MO 65401-0249

Telephone: (314) 341-4681

Internet english at umrvmb.umr.edu

Fax: (314) 341-4600

May 31, 1995

Shirley Hobson  
Secretary  
Academic Council  
202 Norwood

Dear Ms Hobson:

Having trouble with my Eudora E-Mail, but this letter should reach you.

I had forgotten since the 20 April 1995 Academic Council meeting to write you the following referral concerning "Whether the Academic Council has authority over the Parking, Security, and Traffic Committee" (See XXIV.6.3.C.1.).

President Westphal asked me to put the referral in writing. Please let him know that this matter of authority should be referred to the proper committee for further action. If you need anything more, please let me know.

By the way, I will be out of town from June 12-23, so I will miss the next Academic Council meeting, if one is scheduled during that time period.

Thanks for your help.

A handwritten signature in cursive script, appearing to read 'Jim Wise'.

Jim Wise  
Professor of English



UNIVERSITY OF MISSOURI-ROLLA

Academic Council

202 Norwood Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4972

Before John Larson and Linda Gersten left UMR's advancement office, they conceived and communicated to the Corporate Development Council(CDC) plans for an elaborate leadership forum involving about forty alums, a number of faculty and staff and the entire freshman class. They even discussed with the members of the corporate development council the possibility of academic credit for a two day workshop!

Well they left but the enthusiasm for the project has persisted among many of our alums on the CDC. The job of shaping the conference has fallen to me although I have sought several times to interest colleagues in accepting the leadership of the leadership forum.

Needless to say, the logistics of getting all of our freshmen together are formidable and the possibility of academic credit strikes me as not worth pursuing.

In meeting with the CDC last week, I proposed, and they endorsed, an activity which is a bit more modest in scope and which would be held on October 5, 6 (before homecoming weekend). On the evening of the 5th, there would be a plenary session with as noteworthy a corporate leader as we could attract. On the Friday morning, alums would lead discussions in classes to which they had been INVITED by the faculty teaching the classes and a small number of workshops on various leadership issues would be conducted Friday afternoon to which students and faculty would be invited.

Now to the point of my memo to you, I would like, if appropriate and possible, to obtain endorsement of this idea from the Academic Council. How do I do it? How should I proceed? I believe that endorsement will encourage some of our faculty to participate on a volunteer basis.

Walt Gajda



VOL. XXIIII, NO. 1  
Minutes of the Academic Council Meeting  
September 22, 1994

XXIIII, 1. The meeting was called to order at 1:34 P.M., by President Lance Haynes, who apologized for the delay in the distribution of the agendas. He explained that this was due to an error at the printer. Substitutions were noted: Prakash for Morris, McCarter for Buckwalter, and Carlson for Moss.

.1 President Haynes called for a motion to approve the minutes of the June 23, 1994 meeting. There was a motion and a second, with the motion passed by voice vote.

.2 REPORTS AND RESPONSES

A. PRESIDENT'S REPORT

1. Professor Haynes stated that there had been no IFC meeting since the last Council meeting.
2. President Haynes informed the members that the Chancellor is forming a committee to design a new logo for UMR, and that the RP & A Committee had recommended the following three people to serve: Leo Soisson, Bob Wolfe, and Randy Moss.
3. Professor Haynes briefly expounded on lessons he had learned as President of the Academic Council, and thanked several people for their support and help.
4. President Haynes suggested to the Council that they might want to invite each of the Deans to speak at separate Council meetings, followed by a meeting where the Chancellor would draw all of their input together.

.3 CHANGE OF ORDER

A. There was a motion from Professor Edwards to change the order of the agenda, moving the RP & A's election of Council officers to this point in the meeting. This motion was seconded and passed by voice vote.

1. Professor Haynes presented the slate of officers: President-Jerome Westphal; President-Elect-Greg Gelles; Secretary-Jeffrey Cawlfild; and Parliamentarian-Bruce Selberg. There were no other nominations, and a motion was made to accept the slate by acclamation. There was a second, and the motion passed by voice vote.

.2 REPORTS AND RESPONSES(continued)

B. The meeting now having returned to the reports, the new President, Jerry Westphal took charge of the



meeting.

1. There was a motion by Jeffrey Cawlfild to resolve to thank Professor Lance Haynes for his energy, enthusiasm and leadership as president for the past year. There was a second, and the motion passed by voice vote, followed by a hearty round of applause.

2. President Westphal made a few brief remarks, beginning by thanking Professor Haynes. He stated that the major difference in the change of leadership would be his lack of social interaction in campus life. He asked that the Council members help by calling him if issues arise that need to be addressed.

#### C. CHANCELLOR'S REPORT

1. Dr. Park began his report by also thanking Professor Haynes for his hard work.

a. He then went on to discuss the Strategic Action Plan report that had been sent out. He pointed out that the first page was to make the reader aware of what others are doing.

b. The Chancellor talked briefly about the site review for the Missouri Quality Award, and thanked those who had helped make it successful.

c. Dr. Park gave enrollment figures: 4345 undergraduates, and 697 graduate students. He then elaborated on signs of success at UMR, including the high enrollment, and other factors. He stated that 37% of the freshman have ACT scores over 30.

d. The Chancellor said the only black cloud on the horizon is Hancock II. He said that everyone should "try" to read it-that it is full of contradictions and complexities.

2. Q and A-The mention of Hancock II precipitated a lively question and answer session.

a. There was a question from the floor asking how UMR is going to approach combatting Hancock II. Dr. Park answered that University faculty and resources can not be used to lobby. He stated that there are two challenges to the constitutionality of the amendment, both of which have a fair chance of success. He said the decision has been made for the University to follow whatever strategy is set out by the Governor, or his representative-Paul Gray.

b. A comment was made by UMR student, Andrew Sears, that the Governor's strategy is for the University to focus on itself and its alumni.

He said that other universities are using alumni funds. He also informed those present that the Student Council will have information available.

c. There was a question from the floor, asking what the court challenges are. Dr. Park said that they are: (1) the constitution says an initiative can only change one part of the constitution at a time; and (2) possible improper signatures on the initiative petition.

d. There was a request from the floor to hear any comments from the exit interview of the site review. Dr. Park stated that the comments were very positive, and that there would be a report in about six weeks.

#### .4 REPORTS OF STANDING AND SPECIAL COMMITTEES

A. COMPUTER POLICY-This report was presented by Dr. Barbara Hale, who began by asking Council members to please support the committee in its efforts.

1. Dr. Hale then showed transparencies (see attached) on the budget of UMR Computing, and discussed the issue concerning using UMR academic computing funds for matching grants in external funding proposals; stating that the committee did not really agree with the concept, and explained some of their reasons for this stand.

a. There was a comment from the floor that the committee's work is appreciated, but the speaker did not feel there were enough funds going into software.

b. Professor Haynes said that Professor Hale's comments had stopped short of asking the Council to make a resolution against using UMR academic computing dollars as matching funds.

He then made a motion to that effect. Discussion followed, including comments from the Chancellor and Academic Council members, with responses from Dr. Hale.

c. Professor Robertson moved to table the motion and to have the Computer Policy Committee look at the language of the motion. There was a second, and this motion passed by voice vote.

B. CURRICULA-This report was presented by Professor Howard Pyron, who made a motion to approve the CC1's as distributed. There was a second, and the motion passed by voice vote.

C. RP & A-Professor Haynes gave this report, consisting of elections for two committees: Grievance Hearing Panel and Student Affairs. Ballots were passed out, marked, and collected to be tabulated.

.5 There was no old business presented.

.6 NEW BUSINESS

A. Professor Greg Gelles informed the Council that the Missouri Association of Faculty Senates has asked if we want them to pass a resolution against Hancock II. Professor Gelles read their proposal.

1. Professor Haynes commented that, although we want to do something, it must not be the wrong thing.

2. The Chancellor stated that, in the next week or so, material will be distributed to us from the Governor.

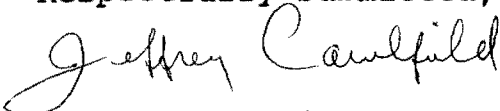
3. Professor Haynes urged that the Council not act on this proposed resolution until there is word from the Governor, and then call a special meeting, if necessary.

4. Professor Gelles stated that, at this point, the resolution was read just for informational purposes, not for action.

B. Andrew Sears announced that the Student Council has Voter Registration information available at University Center West.

There was a motion and a second to adjourn. Motion passed by voice vote.

Respectfully Submitted,



Jeffrey Cawlfild  
Secretary

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UNIVERSITY OF MISSOURI-ROLLA

Academic Council

202 Norwood Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4972

VOL. XXIV, NO. 2  
Minutes of the Academic Council Meeting  
October 27, 1994

XXIV, 2. The meeting was called to order promptly at 1:30 P.M., by President Jerome Westphal. Substitutions noted were: Tsoulfanidas for Saperstein, Cogell for Fulton, Pagan-Sada for Buckwalter, and Bolon for Edwards.

.1 President Westphal called for a motion to approve the minutes of the September 22, 1994 meeting. There was a motion and a second, and it passed by voice vote.

.2 REPORTS AND RESPONSES

A. PRESIDENT'S REPORT

1. Professor Westphal stated that he had no report.
2. President Westphal asked Professor Randy Moss for a report from the last IFC meeting. Professor Moss said that there was very little to report-the meeting just consisted of general discussion.
3. Professor Westphal asked Professor Vince Roach to report on a video IFC meeting that was held in early October.

a. Professor Roach reported that the discussions concerned Faculty Grievance Procedure, a new Conflict of Interest Policy, and a lively discussion of the Health Care program.

1. Professor Roach said that in January, IFC will collect data from the four campuses on the Health Care program, and how it is working. Comments should be directed to members of the UMR Health Care Committee.

2. There was one question from the floor about a possible sale of GenCare, but no one had information on this.

B. CHANCELLOR'S REPORT

1. Dr. Park began his report by saying that UMR had received some very nice compliments on the Strategic Action Plan from the Governor and the Board of Curators. He then went on to a few items of interest.

a.He discussed the Missouri Quality Award, which, he said, is not an improvement plan-just a means of measuring what we are doing. After the site visit, the consensus was that UMR had not been in the process long enough to be compared.

The report should be back in about six weeks.

b.The Chancellor said that the hiring freeze is holding, and that only one exception had been granted. The only positions filled during the freeze will be income-generating.

2. Q & A

a.Professor Robertson asked why we are only now seeing advertising against Amendment 7 on TV. The Chancellor responded that the advertising comes from the Committee to Protect Missouri's Future and that it was his understanding that the "push" would be from now to election day.

b.Professor Bolon inquired about funding for the Committee to Protect the University of Missouri.

Dr. Park gave some figures on this, and emphasized again that all advertising is paid for by these committees-not the university.

c.Professor Roach commented that the Student Council has arranged a Moody-Hancock Debate on campus.

d.Keith Blackford of the Student Council informed the body that, rather than a debate, this would be an Open Forum, and will be held November 2 in Leach Theater.

e.Professor Gregg commented that he felt Dr. Park was being too "even-handed" about Amendment 7.

Dr. Park responded that it is part of our job to help students learn how to deal with controversy.

f.Professor Bolon asked who would decide how cuts would be made if Amendment 7 should pass, and Dr. Park said that would come from the Legislature and the Supreme Court.

.3 REPORTS OF STANDING AND SPECIAL COMMITTEES

A. CURRICULA-This report was presented by Professor Howard Pyron, who briefly commented on the EC1's, and then made a motion to approve the CC1's as distributed.

There was a second, and the motion passed by voice vote.

.4 No old business was presented.

.5 NEW BUSINESS

- A. Professor Greg Gelles presented a report from a meeting of the MAFS on October 14.
1. Professor Gelles said there was a discussion of Faculty Governance and influencing legislation.
  2. He stated that Dr. Watts was the main speaker, with the focus being on Amendment 7.
  3. Professor Gelles named the member schools in MAFS, and said a representative from each one talked about what they were doing with respect to Amendment 7.
  4. Professor Gelles read a resolution against Amendment 7, which was passed by MAFS.
    - a. After a brief discussion, Professor Lance Haynes commented that the people of our area seem to think that the Faculty of UMR is not as opposed as it should be. He suggested that the Academic Council adopt the same resolution as MAFS did. There was a motion and a second to that effect.
      1. This was followed by a comment that, if passed, the resolution should be put in the Rolla Daily News.
      2. A friendly amendment was proposed that a copy be sent to the local news media.
      3. Copies of the MAFS resolution were distributed, discussed, and reworded by friendly amendment.
      4. The motion, with amendments, then passed by voice vote. (See resolution attached.)
  5. There was another brief discussion of Amendment Seven, and various comments on poll results.

There was a motion and a second to adjourn. Motion passed by voice vote.

Respectfully Submitted,



Jeffrey Cawlfeld  
Secretary

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VOL. XXIV, NO. 3  
Minutes of the Academic Council Meeting  
December 8, 1994

XXIV, 3. The meeting was called to order promptly at 1:30 P.M., by President-Elect Greg Gelles (filling in for President Jerry Westphal, who was out of the country). Substitutions noted were: Malone for Wise and McCarter for Buckwalter.

.1 Professor Gelles called for a motion to approve the minutes of the October 27, 1994 meeting. There was a motion and a second, which passed by voice vote.

.2 REPORTS AND RESPONSES

A. PRESIDENT-ELECT'S REPORT

1. Professor Gelles made a few brief comments on his appreciation of the efforts that helped defeat Amendment 7-mentioning particularly the Committee to Protect UMR's Future and the Student Council.
2. The president-elect read a memo from Camille Consolvo and the Alcohol Education Advisory Committee. He announced that this would be placed on Gopher.
3. The IFC report was then presented by Dr. Delbert Day, who passed on this information:
  - a. The IFC agreed to some Grievance Procedure changes.
  - b. They approved a Faculty Activity Survey for the whole UM system, which will be distributed soon out of Vice-President Wallace's office.
  - c. The IFC decided to devote their entire January meeting to discussing the Heath Insurance program.
  - d. Another item discussed was regulations for discontinuance of programs.
  - e. The last item discussed at IFC was the document on Needs of the Infrastructure. It was turned over to President Russell.
  - f. Dr. Day said plus/minus grading is still in the hands of the president.
  - g. There was a brief discussion of the aforementioned Faculty Survey.

B. VICE CHANCELLOR'S REPORT

1. Dr. Gajda began his report by thanking (on behalf of Dr. Park) all for their efforts against Hancock II, and moved on to information items.

- a. The Vice Chancellor stated that the hiring freeze seems to have thawed. He said that, on the UMR campus, it is "back to business as usual" except that, in May, more detailed justification of hirings will be required by the President.
- b. Dr. Gajda informed the Council about an all-day meeting on December 1, on the Strategic Plan (to review it and sharpen vision and mission statements). He said there will be another such meeting in January.
- c. The Vice Chancellor clarified the setup of interim replacement for Vice Chancellor of Administrative Services. He said a search is being conducted, and when one person is hired, Marvin Patton and Randy Stoll will resume their former duties.
- d. Dr. Gajda mentioned that he is sending a letter to Professor Westphal, Professor Haynes, and the Computer Policy Committee, asking for suggestions on how to formulate guidelines to stop downloading of pornographic images from the Internet.
- e. The Vice Chancellor read a letter from President Russell concerning 4.5 million dollars in state funds for Computer Technology that he is holding.
- f. Dr. Gajda mentioned a Memorial for Bill Rutledge, and made a brief tribute to him.

2. Q & A

- a. A question was asked as to whether tuition would increase even though Amendment 7 failed. Dr. Gajda stated that as far he knew, it would only increase in the manner set forth 3 years ago in the 5-year plan.
- b. A Council member asked when answers could be expected from CLC requests, and Dr. Gajda said some had just been released, with progress continuing.
- c. A comment was made that surely the 4.5 million dollars would go for hardware and software only. Dr. Gajda agreed, saying he did not see support for hiring staff. He also took this opportunity to compliment Dave Dearth on the work that has been done.
- d. A student asked what the rationale is behind UMR being a moderate-cost university as opposed to a low-cost one. The Vice Chancellor said this was because of shrinking state support for higher education.



.3 REPORTS OF STANDING AND SPECIAL COMMITTEES

A. CURRICULA-Dr. Howard Pyron presented this report, with a brief comment on the EC1's, followed by a motion to approve the CC1's as distributed. A correction was made from the floor of a prerequisite number for CC1 3850. There was a second and the motion passed by voice vote.

B. PUBLIC OCCASIONS-This report was given by Professor Ron Kohser, who presented the proposed calendar for the 1996-97 school year, and the Public Occasion dates for 1995-96. There was a motion and a second to approve. Motion passed by voice vote.

C. STUDENT AFFAIRS-Student, Matt Benz, presented this report of a proposed constitution for a new sorority, Gamma Beta Sigma. There was a motion and a second to approve it, with a brief discussion following. The motion then passed by voice vote.

.4 No old business was presented.

.5 NEW BUSINESS

A. There was a motion to revise a formerly approved CC1 form which put 449 on Winter, '95, to change it to Off-schedule Fall, '94. There was a second, followed by a question to Professor Pyron as to whether the Curricula Committee was satisfied with this change. He concurred, and the motion passed by voice vote.

B. Professor Jerry Cohen read from a handout on "Improvement of the Racial Climate at UMR", which he had earlier sent to Academic Council members.

1. Professor Lance Haynes made the motion (as presented in the handout) that "the Academic Council shall establish an ad hoc Campus Climate Committee of its own--drawn from a list of people in whom the African-American students/staff members/student officers express confidence. The committee will be authorized to look into the various aspects of campus climate and report its observations and recommendations to the Academic Council as a whole". There was a second, after which the motion was reread by Professor Gelles.

2. There was a proposal from a student to include other minorities in the motion, but Professor Cohen rejected this suggestion.

3. There was then a lengthy and lively discussion of the issue and the motion, with several comments from members who felt this would be usurping the Chancellor's authority.

4. The President-Elect stated that he was uncomfortable with voting on this motion when the Chancellor was not present. He invited a motion to table.

5. Professor Roach moved to amend or change the motion to state: "The Academic Council would establish an ad hoc Campus Climate Committee, after consultation with the Chancellor (in regard to the currently existing Campus Climate Committee, appointed by the Chancellor), consisting of Academic Council members, students and staff as recommended by the Academic Council President, and the RP & A Committee and approved by the Academic Council at a future meeting." *There was a 2nd to this motion*

6. After further discussion, Dr. Gajda said that Dr. Park has been looking for suggestions on this problem, and would appreciate guidance. *Submitted*

7. Professor Lance Williams moved to table the original motion. There was a second, and motion passed by voice vote-one opposed.

8. Professor Garnett Walters made a motion that if this issue is not resolved with the Chancellor by the next Academic Council meeting, it be brought off the table. There was a second and motion passed by voice vote.

There was a motion and a second to adjourn. Motion passed by voice vote.

Respectfully submitted,

Jeffrey Cawlfild  
Secretary

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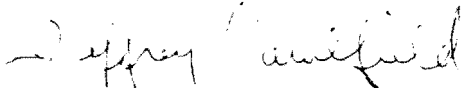
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There was a motion and a second to adjourn. Motion passed by voice vote.

Respectfully submitted,



Jeffrey Cawlfeld  
Secretary

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UNIVERSITY OF MISSOURI-ROLLA

Academic Council

202 Norwood Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4972

To: UMR Faculty

Academic Council Meeting  
Thursday, January 19, 1995; 1:30 P.M.; G-5 H/SS

- I. Approval of minutes of the December 8, 1994 meeting
- II. Reports and Responses
  - A. President's Report (To include IFC) (10 min.) Jerry Westphal
  - B. Chancellor's Report (10 min.) John Park  
(10 minutes for Questions and Answers)
    - 1. Progress on Campus Climate Vice-Chancellor Ogrosky
- III. Reports of Standing and Special Committees
  - A. Curricula (5 min.) Howard Pyron
    - 1.\*Report No. 4
  - B. Parking, Security, and Traffic (No report) Clark Barker
    - 1. Parking permit procedure
  - C. Personnel (No report) Lance Haynes
    - 1. Faculty Awards Procedure
    - 2. Annual Review of Administrators
    - 3. Proposed Changes to Grievance Procedure
    - 4. Dean Search Procedures
  - D. Task Force on Curriculum (5 min.) William Tranter
- IV. Old Business
- V. New Business and Announcements
  - A. Referrals to Admissions and Academic Standards
    - 1. Rescheduled Classes
    - 2. Enforcement of Course Prerequisites

\*Information distributed with agenda to Academic Council members and department chairs.



UNIVERSITY OF MISSOURI-ROLLA  
*Missouri's Technological University*

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**MEMO TO: Academic Council**

**FROM: Curricula Committee**

**DATE: January 5, 1995, Meeting**

**For the information of the Academic Council, the following EC1's have been submitted by the University department for an experimental course that will be offered in the near future.**

EC1 579, Psychology 301, **Cross-Cultural Psychology**. Approved for Fall 1995. 3 hours credit. Prerequisites: Gen. Psych. 50.

EC1 581, Computer Science 201, **High Performance Computing**. Approved for Fall 1995. 2 hours lecture and 1 hour lab. Prerequisites: CSci 158 and CSci 153.

EC1 582, History 201, **Modern European Diplomatic History**. Approved for Fall 1995. 3 hours credit. Prerequisite: History 112.

EC1 583, Mining Engineering 401, **Mining in Salt Rock**. Approved for Winter 1995. 2 hours lecture and 1 hour lab. Prerequisite: Mining 231.

EC1 585, Physics 201, **Introduction to Theoretical Physics**. Approved for Winter 1995. 3 hours credit. Prerequisites: Physics 24 or 25; Math 204 co-requisite.

EC1 586, Philosophy & Liberal Arts, Education 201, **Media-Education**. Approved for Winter 1995. 1 hour credit. No prerequisites.

**The Curricula Committee recommends to the Academic Council that the curricula changes on the following CC1's be approved.**

CC1 3837, Chemistry 310, **Undergraduate Seminar**. Removed from tabled. Approved new course for Fall 1995. 1 hour credit. No prerequisites. Description reads: Written and oral presentations of current topics in chemistry. This course may serve as part of the capstone course requirement for chemistry majors.

CC1 3887, Computer Science 319, **Management of Computing Services**. Approved for Fall 1995. Change of course title from **Computer Center Management**. Change of prerequisites from 200 level CSci course "TO" Consent of instructor required.



CC1 3889, Aerospace Engineering 251, **Aircraft Structures I**. Approved for Fall 1995. Change in description to: An introduction to various loads on aerospace vehicles. Basic theory and analysis of typical aerospace and related vehicle structures subjected to steady loading. An overview of various failure theories including yielding, buckling, fracture and fatigue. Design of thin walled structures. Introduction to advanced composite materials.

CC1 3890, Aerospace Engineering 253, **Aircraft Structures II**. Approved for Fall 1995. Change in description to: Introduction to the finite element method for static and dynamic analysis of aerospace structures. Analysis of beams, trusses and frames. Plane stress and plane strain analysis. Isoparametric elements and numerical integration. Free vibration and time dependent problems.

CC1 3891, AE 283, **Experimental Methods in Aerospace Engineering II**. Approved for Fall 1995. Change in description to: Laboratory investigations related to aerospace engineering. Investigations include high-speed aerodynamics, flow visualization measurements in turbulent flow, aircraft vibration and flutter, propeller acoustics, flight simulation, propulsion systems, flame measurements, and control experiments. Statistical error analysis.

CC1 3893, Chemistry. Approved curriculum change for Fall 1995. Justification reads: Curriculum for Chemistry/Premedicine, for Senior year, first semester, add 1 hour Chem. 310, and for Senior year, second semester, add 1 hour Chem. 310 to meet the General Education Requirements of a Capstone course.

CC1 3894, Chemistry. Approved curriculum change for Fall 1995. Curriculum for Chemistry/BS for Senior year, first semester: Add one hour Chem 310, and for senior year, second semester, add one hour Chem 310 to meet the General Education Requirements of a Capstone course.

CC1 3895, Chemistry. Approved curriculum change for Fall 1995. Curriculum for Chem/BS, for Senior year, first semester: Add one hour Chem 310, and for Senior year, second semester, add one hour Chem 310 to meet the General Education Requirements of a Capstone course.

CC1 3897, Electrical Engineering 325, **Introduction to Optical Computation**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: EE 211 and EE 271 co-requisite. Description reads: Basic Optical Computing is introduced in three parts. Part I provides background for understanding optical computing. Part II describes methods of assembling the optical components into computing subsystems. Part III describes several different architectural models.

CC1 3898, PLA/Education 240, **Teaching Methods in Content Areas**. Approved for Winter 1995. Change in prerequisites from Educ 75 and 102 "TO" Educ T40 and T104.

CC1 3899, Computer Science. Approved curriculum change for Fall 1995. Justification reads: The introduction of six semester hours of software system development (CSci 397/398 - Capstone courses) submitted as requirements in the CSci dept. new curriculum. This change led us to establish computer elements courses (Csci 234/235 sequence - 6 hrs.) to replace the

Ee 211/213 series, so that more conceptual computer element/architecture could be introduced compared to the design oriented EE courses. In doing this CSci 137 and Phil. 15 will no longer be required, since the essential material covered in these courses has been absorbed in CSci 234 and CSci 158. CC1's have been submitted to reflect the changes in CSci 158 and establish CSci 234. The deletion of CSci 137, Phil. 15, EE 211, EE 213 from the CSci curriculum allowed the CSci dept. to incorporate both the six hour capstone course and the development of a conceptually oriented computer element/architecture sequence of courses. The latter change is more suitable for our curriculum and the former is proposed as part of the strategic plan to develop Capstone courses for design oriented departments. These changes were approved by the CSci dept. on Dec. 1, 1994.

CC1 3900, Computer Science 234, **Introduction to Computer Organization and Assembly**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: CSci 158 and competency in a high level programming language. Description reads: A detailed study designed to teach the building blocks of a computer system, assembly language programming and the basic computer organization concepts. Subjects include digital logic, performance issues, machine and assembly language, binary arithmetic, and the structure of a ALU.

CC1 3901, Computer Science 235, **Computer Organization**. Approved new course for Fall 1996. 3 hours credit. Prerequisites: CSci 234. Description reads: A detailed study of computer organization concepts and the components of a computer system including control unit, microprogramming, pipelining, memory hierarchy, cache design, virtual memory, I/O devices, and a brief introduction to parallel processors.

CC1 3902, Computer Science 074, **Introduction to Programming Methodology**. Approved new course for Summer 1995. 2 hours credit. Prerequisites: None. Description reads: Basic structured programming techniques, debugging and verification of programs, data representation and computer solution of problems using ANSI C.

CC1 3903, Computer Science 078, **Programming Methodology Laboratory**. Approved new course for Summer 1995. 1 hour credit. No prerequisites. Description reads: A hands-on introduction to structured programming in C. Development, coding, debugging and execution of programming concepts discussed in CSci 074.

CC1 3904, Computer Science 238, **Introduction to File Processing/COBOL**. Approved for Fall 1995. Change in prerequisites from CSci 137 and CSci 153 "TO" CSci 153.

CC1 3905, Computer Science 284, **Introduction to Operating Systems**. Approved for Fall 1995. Change in prerequisites from CSci 238 or CSci 274 "TO" CSci 235 or CSci 274.

CC1 3906, Computer Science 397, **Software Systems Development I**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: 100 credit hours completed. Description reads: Class members will work in small teams to develop a complete software system beginning with end-user interviews and concluding with end-user training.

CC1 3907, Computer Science 398, **Software Systems Development II**. Approved new course for Winter 1996. 3 hours credit. Prerequisite: CSci 397. Description reads: A continuation of CSci 397.

CC1 3908, Mining Engineering 110, **Surveying for Mineral Engineers**. Approved for Summer 1995. Change in prerequisites from EG 10, Math 006, and accompanied or preceded by Min Eng 003 "TO" EG 10, Math 006 and for mining students accompanied or preceded by Min Eng 003.

CC1 3909, Mining Engineering 224, **Underground Mining of Metallic and Industrial Minerals**. Approved for Summer 1995. Change of prerequisites from Min Eng 221, 231; accompanied or preceded by Min Eng 218 "TO" Min Eng 221, 270.

CC1 3910, Mining Engineering 226, **Surface Mining of Metallic and Industrial Minerals**. Approved for Summer 1995. Change of prerequisites to: Civil Eng 215 or Min Eng 231; accompanied or preceded by Min Eng 221 "TO" Min Eng 221, 270.


CC1 3911, Mining Engineering 307, **Principles of Explosives Engineering**. Approved for Summer 1995. Change of prerequisites to: GE 50 or equivalent; CE 215 or accompanied or preceded by Min Eng 231 "TO" GE 50; accompanied or preceded by either CE 215 or Min Eng 231.

CC1 3912, Mining Engineering 308, **Drilling and Blasting**. Approved for Summer 1995. Change of prerequisites from Accompanied or preceded by Min Eng 307 "TO" Min Eng 307.

CC1 3913, Mining Engineering 432, **Rock Mechanics III**. Approved for Summer 1995. Change of prerequisites from None "TO" Min Eng 231 or Ce 215. Change of description reads: Advanced topics in static rock mechanics. Dimensional analysis, model laws and similitude for rock structures; elastic theory applied to rock mechanics problems; introduction to finite element analysis; failure theories for rock, including Coulomb-Navier, Mohr's and Griffith's.

CC1 3914, Mining Engineering 433, **Rock Mechanics IV**. Approved for Summer 1995. Change in prerequisites from None "TO" Min Eng 231 or Ce 215. Change in description to: Advanced topics in dynamic rock mechanics. Stress wave propagation in the earth, dynamic elastic constants in isotropic and anisotropic and anisotropic rock, Hopkinson bar impact analysis, spallation and radial fracturing caused by stress pulses, shock wave generation in rock by explosives, shock wave propagation and effects.

CC1 3942, Computer Science 137, **Assembly Language Programming**. Approved change in curriculum for Fall 1995. This course was changed from a required course for majors "TO" an elective.

  
Dr. Howard Pyron, Chair



VOL. XXIV, NO. 4  
Minutes of the Academic Council Meeting  
January 19, 1995

XXIV, 4. The meeting was called to order at 1:30 P.M. by President Jerry Westphal. Substitutions noted were: William Tranter for Randy Moss and Mark McCarter for John Buckwalter (who later joined the meeting).

.1 Professor Westphal called for a motion to approve the minutes of the December 8, 1994 meeting. After a motion and a second, this passed by voice vote.

.2 REPORTS AND RESPONSES

A. PRESIDENT'S REPORT

1. The IFC report was given by Professor Greg Gelles (who attended the December IFC meeting in Professor Westphal's place).

a. Some of the Curators commented that the University needs to determine those things that we need to keep and those we do not. They said they would not approve any new programs without full cooperation across the campuses.

b. The second issue discussed was the Faculty Bill of Rights for E&E, which various possibilities brought up.

c. There was some discussion of the health care program. President Russell expressed the thought that health care is not an entitlement.

d. President Russell said he thought IFC should set up a committee to examine alternatives to tenure.

2. Professor Westphal reported on the January IFC meeting.

a. Because it was the Martin Luther King holiday, a recording was played of excerpts from a speech that was given in Washington, D.C.

b. Vice President Wallace indicated that the purpose of the U-wide program was to determine which programs need to be enhanced, what funds go where, and where the funds would come from.

c. In regard to tenure, there has been a request from President Russell that IFC look into tenure alternatives. IFC referred this matter to the campuses for consideration.

d. No action has been taken on health care. A meeting will be held to discuss this. UMSL developed a five or six page document for their faculty on their health care plan as it presently exists.

e. There were some questions and comments from the Academic Council members. Professor Robertson asked if President Russell talking to the legislature about the abolishment of tenure. Professor Westphal said that this is not the case. Professor Gelles said that President Russell had stated that he wants to maintain academic freedom.

#### B. CHANCELLOR'S REPORT

1. The Chancellor stated that probably most of those present had heard the Governor's message, but did inform them that there will be a budget increase of 2.3% and fixed items come out of that money before it gets to UMR. Dr. Park stated that we have the most education-interested governor that we have had in quite some time.

2. Dr. Park stated that there was a discussion at a meeting of the Board of Curators on the Strategic Action Plan. He said the key statement which will justify our worthiness all comes down to one simple lesson: its' not what we are going to cut or what we are going to save, but what we are going to be. Every penny we spend must be justified.

C. President Westphal stated that at the last meeting, there was some concern about certain issues, and that the RP & A committee has asked Vice Chancellor Ogrosky to report on progress that has been made on Campus Climate.

1. Dr. Ogrosky distributed a handout, providing general information and graphs.

2. The Vice Chancellor said that he felt the campus had taken some steps to improve climate outside of the classroom. He said that there are programs on campus that need to be addressed, but the whole area should be looked at as an area of opportunity.

3. A discussion period followed this report.

a. Professor Cohen said that he was troubled by the graphs and charts. He said since there are numbers, they hold a certain sense of authority; and that the thing that is missing on the charts and graphs was failure to address black students' complaints. He suggested that the first thing that should be done would be to take steps to determine the nature of the grievances of students on campus.

b. President Westphal asked that comments be limited to the subject matter of Dr. Ogrosky's report.

c. The Vice Chancellor then commented that he did not intend to say that everything was "terrific". He believes the campus is headed in the right direction.

d. Professor Westphal said he felt the office was being proactive, and that there are other dimensions to this problem than student affairs. He stated that the Campus Climate Committee met recently and elected a new chair, Herman (J.R.) Smith, and that the committee will meet roughly on a monthly basis during the school year.

.3 REPORTS OF STANDING AND SPECIAL COMMITTEES

A. CURRICULA-Professor Howard Pyron presented this report, with a brief comment on the EC1's followed by a motion to approve the CC1's as distributed. Professor Haynes seconded the motion, which passed by voice vote.

B. TASK FORCE ON CURRICULUM-This report was given by Professor William Tranter, who stated that the Executive Committee of the Task Force has decided that, in addition to standing committees, they should form focus groups. Three committees are up and running, he said, and they are: Communications Skills Group, Technology of Education Group, and Teaching of Design Group.

1.The Communications Group is chaired by Dr. Elizabeth Cummins, and they are compiling teaching reports for several years. They will take a very careful look at these reports, and make a report of their findings to the Chancellor.

2.The Technology of Education Group is chaired by Dr. Robert Davis. Their charge is to look at various technology developments that might support classroom activities.

3.The Teaching of Design Group is jointly chaired by Professor Tom Herrick and Professor Arlan DeKock. By late April, they plan to hold a design workshop to discuss what they have learned about what other schools are doing. At that time, they will look for potential outside speakers. A questionnaire has been prepared to go out to alumni.

.4 OLD BUSINESS-No old business was presented.

.5 NEW BUSINESS AND ANNOUNCEMENTS

A. Referrals to Admissions and Academic Standards

1.Rescheduled Classes-President Westphal said that the Chancellor is concerned that there continues to be problems with respect to faculty rescheduling classes and examinations, deviating from the Schedule of Classes.

2.Enforcement of Course Prerequisites-Professor Westphal said the question here is whether the present rules regarding minimum grades in prerequisite courses

should be enforced on students outside the department.

B. Professor Jerry Cohen stated that he thought President Westphal would be making a report on the Campus Climate Committee. Professor Westphal stated that he had no such report.

1. Professor Cohen indicated that he would like to report on the decisions of the Campus Climate Committee. He stated that the Campus Climate Committee was unable to tackle problems he had presented and referred them back to the Academic Council. He said that someone should make a motion to address the nature and extent of dissatisfaction of minorities, and a survey made to get an overall view of the situation.

2. Professor Lance Haynes said he would make a motion as stated by Professor. There was a second to this motion. Professor Haynes then stated that he felt this issue should be referred to the Campus Climate Committee.

3. Dr. Ogrosky said that the committee for women has collected some information already. He said Debra Robinson has been working on this for some time.

4. Professor Robertson stated that if the right questions were not being asked, then what better group than the Campus Climate Committee to determine what questions should be asked.

5. Professor Cohen again said he was surprised and disappointed in the Campus Climate Committee.


6. President Westphal said that he had attended the committee meeting, and that the specifics of the Campus Climate Committee motion escaped him. He is still awaiting the request for action from that committee.

7. A bit more discussion followed, with Dr. Park stating that he was at the Campus Climate meeting, also, and that their charges is to not handle issues that are not appropriate to their committee.

8. President Westphal then entertained a call to question on the motion on the floor. There were no yes votes; motion failed.

There was a motion and a second to adjourn. Motion passed by voice vote. Meeting adjourned at 2:45 P.M.

Respectfully submitted,

  
Jeffrey Cawlfeld  
Secretary

\*Minutes of the Academic Council are considered official notification and documentation of actions approved.

Correction to Volume XXIV, No. 4, Minutes of the Academic Council, Jan 19, 1995

Item XXIV, 4.5.B, last sentence should read "Professor Westphal stated that he had already reported on the recent meeting of the Campus Climate Committee and that he intended to make no additional remarks in that regard."





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February 2, 1995

TO: Lance Haynes, Chairman  
Personnel Committee of the Academic Council

FROM: Jerry Cohen  
Professor of German and Russian *Jerry Cohen*

SUBJECT: Need to Make UMR's African-American Students Feel Welcome

I am troubled by your apparent unwillingness to schedule the meeting of the Personnel Committee at a time convenient for the African-American students to attend. As I explained to you in my January 29 memo, the African-American students are in classes or labs much of the time on Monday-Thursday. Friday is the only day when most of the interested African-American students can attend.

The issue of campus justice is of great concern to at least some African-American students, and the remarks I shall make at the meeting are on just this issue. Also, the presence of African-American students at the meeting is important; they can, I believe, verify my central contention that racial problems do exist on campus and are not being properly dealt with; and they can directly answer questions from the committee members.

Your apparent unwillingness to accommodate the African-American students is very troubling. We must not exclude them. We should open our doors and make them feel welcome. And if we ask them to work within the system, we should warmly support their efforts when they do try to participate.

JC:mp

cc: Members, Personnel Committee of the Academic Council  
Other Members of the Academic Council  
UMR's African-American Student Leaders  
UMR's Campus Climate Committee



UNIVERSITY OF MISSOURI-ROLLA

Academic Council

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February 7, 1995

**MEMORANDUM**

**TO:** Prof. Cohen  
Mr. Herman Smith, Chair, Campus Climate Committee

**FROM:** Jerry Westphal, President, UMR Academic Council *sent to Jerry*

**SUBJECT:** Cohen memo of February 2, 1995 to Prof. Haynes

By this memo I am advising you that I have not yet received a request to have the UMR informal grievance procedures reviewed for possible flaws. I am unwilling to ask faculty to expend time examining all the possible ways by which these procedures might be modified, so unless the request is reasonably explicit about the injustice(s) that are perceived to have occurred or which may occur, I cannot and will not refer the matter to a committee of the Academic Council. On the other hand, I will be happy to help you formulate a request that is sufficiently specific for purposes of a referral for committee action.

As an informational item to Mr. Smith and the distribution list, Prof. Cohen knew when he distributed his memo of February 2 that I had not received a request for action from the Campus Climate Committee, and he knew that Professor Haynes as Chair of the Personnel Committee had not received a referral from me regarding this matter. If and when the Personnel Committee receives a referral from me, they may or may not decide to interview faculty, staff, and/or students as part of their process of deliberations. That issue will be left to Prof. Haynes and his committee, and I expect that their decision will depend entirely on the nature of the referral I issue. In turn, the charge in that referral will depend on specifics of the request that is ultimately issued by the Campus Climate Committee.

**cc:** Academic Council Members  
UMR's African-American Student Leaders  
UMR's Campus Climate Committee



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**MEMO TO: Academic Council**

**FROM: Curricula Committee**

**DATE: February 9, 1995, Meeting**

**For the information of the Academic Council, the following EC1's have been submitted by the University department for an experimental course that will be offered in the near future.**

**EC1 584, Computer Science 401, Readings in Distributed Systems.** Approved for Fall 1995. 1 hour credit. No prerequisites.

**EC1 604, Political Science 201, International Relations.** Approved for Fall 1995. (Not included on 2/09/95 agenda. Political Science department wanted to make Schedule of Classes.)

**The Curricula Committee recommends to the Academic Council that the curricula changes on the following CC1's be approved.**

**CC1's Reviewed:**

**CC1 3892, Physics 337, Atmospheric Science.** (Co-listed with ME 337) Removed from table. Approved for Winter 1996. Change in course title from **Dynamics of the Atmosphere**. Change in prerequisites from ME 221, 231, or Physics 311 "TO" ME 221 or 227, or Chem Eng 141, or Chem 241, or Physics 311. Change in description to: An introductory survey designed to acquaint engineering and science students with the fundamentals of Atmospheric Science. Topics include atmospheric thermodynamics, synoptic scale disturbances, atmospheric aerosols (including cloud and precipitation physics), atmospheric electricity, and radiative transfer.

**CC1 3915, Computer Science 001, Introduction to Computer Science.** Approved for Fall 1995. Change in description to: This course is devoted to an introduction of various areas of Computer Science, the faculty members, and lab equipment. Computer ethics will be discussed in several lectures.

**CC1 3916, Computer Science 053, Introduction to Programming.** Approved for Fall 1995. Change in description to: Programming design and development using C++. A disciplined approach to problem solving methods and algorithm development will be stressed using top-down design and stepwise refinement. Topics included are syntax/semantics, I-O selection, looping, procedure, function parameters, data types, records, files.

CC1 3917, Computer Science 158, **Discrete Mathematics for Computer Science**. Approved for Fall 1995. Change in prerequisites from Phil 015 and sophomore standing "TO" sophomore standing. Change in description to: A rigorous treatment of topics from discrete mathematics which are essential to computer science. Principal topics include: sets, relations, functions, mathematical induction, mathematical logic (proposition and predicate), switching circuits, Karnaugh maps, graph theory and its application.

CC1 3918, Computer Science 178, **Business Data Processing Techniques**. Approved deletion for Fall 1995.

CC1 3920, Computer Science 236, **Programming Languages and Translators**. Approved for Fall 1995. Change in prerequisites from CSci 238 and CSci 253 "TO" CSci 253.

CC1 3921, Computer Science 306, **Software Engineering I**. Approved for Fall 1995. Change in description to: Development of methodologies useful in the software engineering classical life cycle. This includes: requirements, design, implementation, and testing phases. These methodologies are reinforced through utilization of a CASE tool and a group project.

CC1 3922, Computer Science 333, **The Structure of a Compiler**. Approved for Fall 1995. Change in prerequisite from CSci 228, 253; CSci 236 or 274; CSci 284 or 381 "TO" CSci (236 or 274) and CSci 253 (or graduate standing).

CC1 3923, Computer Science 345, **Introduction to Robotic Systems**. Approved for Fall 1995. Change in prerequisites from Math 22, Physics 24, EE 211 "TO" Math'22, Physics 24, (Csci 158 or Csci 228).

CC1 3924, Computer Science 368, **Digital Simulation**. Approved deletion for Fall 1995.

CC1 3925, Computer Science 406, **Software Engineering II**. Approved for Fall 1995. Change in description to: A quantitative approach to measuring costs/productivity in software projects. The material covered will be software metrics used in the life cycle and the student will present topical material.

CC1 3926, Computer Science 373, **Introduction to Structured Programming Using Microcomputers**. Approved deletion for Fall 1995.

CC1 3927, Computer Science 374, **Structured Programming & Software Development Using Pascal**. Approved deletion for Fall 1995.

CC1 3928, Computer Science 376, **Operations Research Techniques for Managerial Decisions**. Approved for Fall 1995. Change in description to: Introduction to forecasting techniques, linear programming, queuing theory and computer simulation. Application of the digital computer to the solution of problems in the above areas will be emphasized along with an understanding of the basic theoretical concepts. Offered EEC only.

CC1 3929, Computer Science 377, **Expert Systems in Manufacturing & Engineering**. (Co-list with EMgt 377.) Approved deletion for Fall 1995.

CC1 3930, Computer Science 430, **Formal Languages and Automata Theory**. Approved deletion for Fall 1995.

CC1 3931, Computer Science 460, **Queuing Theory**. Approved deletion for Fall 1995.

CC1 3932, Computer Science 463, **Dynamic Programming**. Approved deletion for Fall 1995.

CC1 3933, Computer Science 465, **Integer Programming**. Approved deletion for Fall 1995.

CC1 3934, Computer Science 467, **Non-linear and Geometric Programming**. Approved deletion for Fall 1995.

CC1 3935, Computer Science 481, **Analysis of Operating Systems**. Approved deletion for Fall 1995.

CC1 3936, Mechanical Engineering 337, **Atmospheric Science**. (Co-listed with Physics 337). Approved for Winter 1996. Change in title from **Dynamics of the Atmosphere**. Change in prerequisites from ME 221, 231, or Physics 311 "TO" ME 221 or 227, or Chem Eng 141, or Chem 241, or Physics 311. Description change to: An introductory survey designed to acquaint engineering and science students with the fundamentals of Atmospheric Science. Topics include atmospheric thermodynamics, synoptic scale disturbances, atmospheric aerosols (including cloud and precipitation physics), atmospheric electricity, and radiative transfer.

CC1 3937, Mining Engineering 345, **Present Strata Control**. Approved for Fall 1995. Change in prerequisites from Min Eng 231 "TO" Min Eng 231. (Consent of instructor was requested by department to be part of prerequisite but, was deleted by committee as this is an understood circumstance.)

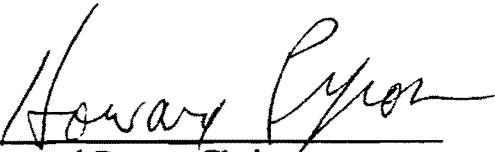
CC1 3941, Mathematics & Statistics 000. Approved change in curriculum for Fall 1995. Justification reads: The CSci department now offers an introduction to programming in "C" as well as Pascal and Fortran. Freshman Year second semester once showed CSci 53 or CSCi 73 & 77 and now shows CSci 53, or CSci 73 & 77 or CSci 74 & 78.

CC1 3944, Geology 223, **Stratigraphy and Sedimentation**. Approved for Summer 1995. Change in description reads: Principles of physical stratigraphy, bio-stratigraphy and introductory sedimentation. Introduction to depositional systems, facies, unconformities, stratigraphic nomenclature and correlation. One field trip at student expense is required.

CC1 3945, Geology 224, **Stratigraphy Lab**. Approved for Summer 1995. Change in description reads: This course re-enforces the principles of stratigraphy and sedimentation through the use of "hands-on" laboratory procedures such as seive and pipette analyses, correlation problems, fence diagrams and stratigraphic maps. One field trip at student expense is required.

CC1 3946, Nuclear Engineering 345, **Radioactive Waste Management**. Approved for Fall 1995. Change course from Elective for Majors **"TO"** Required for Majors. Justification reads: This course is being changed from an elective to a required course. Nuclear Engineering faculty would like this course added to their curriculum bringing the minimum credit hours required for graduation to 135 **"from"** the current 132 hours.

CC1 3947, Nuclear Engineering 000, curriculum change. Approved for Fall 1995. Attached curriculum shows addition of NE 345 as required course and change of total hours to 135 **"FROM"** from 132 hours.



Howard Pyron, Chair



UNIVERSITY OF MISSOURI-ROLLA

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February 9, 1995

**MEMORANDUM**

**TO:** Mr. Herman Smith, Chair, Campus Climate Committee  
**FROM:** Jerry Westphal, President, Academic Council

**SUBJ:** Request for referral

J.R.,

Evidently our recent memos crossed in the mail. I have received your request for a review of UMR rules and procedures pertaining to sexual/racial harassment policies. I will discuss this matter with the Rules, Procedures and Agenda Committee this afternoon. If the sentiment of that body is in favor of doing so, then I will refer the matter to an appropriate committee.

I am still bothered by the lack of specificity in your request. The request for a review and the implicit anticipation of results that will address your concerns is roughly analogous to giving a cage of monkeys a typewriter and expecting that random processes will ultimately produce a work that is equivalent to War and Peace. The informal grievance procedures were developed through a careful and deliberate process of discussion and debate. Every effort was made to ensure that the rights and sensibilities of the accuser and accused would be protected and that complaints could be brought forward without fear of recrimination. Without some guidance as to what the perceived shortcomings or flaws in those procedures may be, it is unlikely that any committee will be able to resolve the matter in a way that is satisfactory to your constituency.

With respect to the need for more specificity in your request, you must understand that demands for faculty time generally exceed the time that is available to perform their duties. Consequently, every faculty member has to prioritize their activities and ultimately, some work gets deferred or even cancelled. Often, the work that must get deferred is that which relates most directly to personal advancement. Thus, I am loathe to request that faculty cast about fishing for problems when the problem could be identified up front.

You have requested that the Personnel Committee hold its meetings

at a time that is convenient for students to attend. For the record, it is the prerogative of the President of the Academic Council to decide which committee is to receive any particular referral. In this particular instance, it appears likely that the Personnel Committee would be the appropriate body to consider the matter. However, at least two of the members of that committee, including the Chair, are Equality Aides. If the issue involves appointment of or performance of Equality Aides, then it

Herman Smith  
February 9, 1995

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may be inappropriate to refer your request to the Personnel Committee. Here, the nature of the complaint could have a direct bearing on my decision as to the appropriate place to refer your request for action.

You should also be apprised that committee meetings are not public hearings. Committees have specific business and they meet only when they have business to discharge. They are under no obligation to arrange their schedule for the convenience of observers. In that regard, they may occasionally find it necessary to invite comment or testimony from specific individuals or individuals that represent specific interests. Generally, interested observers are free to attend these meetings but they are not free to engage in discussion and debate unless they are invited to do so. There may be instances where observers are excluded from committee meetings. For instance, the Personnel Committee sometimes deliberates on matters that involve specific individuals. Those meetings would be closed. If the matters that concern you involve specific individuals, then almost certainly the committee that ultimately handles the referral will be unwilling to hear complaints presented by a group enmasse.

Finally, if the nature of the complaint(s) that generated the request for action from the Campus Climate Committee is a result of dissatisfaction with outcomes from previous protests or grievances, then the request for a review of informal grievance procedures may be inappropriate. For instance, if students or faculty are dissatisfied with the way in which the issue of the Miner cartoon was resolved, then a review of informal grievance procedures will have no impact. However, if you don't feel that there is a mechanism for effective resolution of this type of issue, then that would be a specific item to which the Academic Council could respond. If the problem stems from a perception that the Mary Pulley case was resolved inappropriately, then a review of grievance procedures is a waste of time. However, if for some reason an interested party feels that Mary Pulley refused to pursue formal grievance procedures because she feared she was inadequately protected from retribution, then that would be a specific item that might be addressed. Perhaps another example of a specific item of concern would be a perception by



students that they dare not pursue grievances because they feel faculty networking would somehow lead to retribution in other classes.

I could probably dream up a dozen other possibilities, but my point is that probably none of the items above directly address the issue(s) that gives rise to the request for action that you have passed to the Academic Council. Therefore, I will make a plea that you identify the specific issues for which you seek

Herman Smith  
February 9, 1995

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redress and that you communicate those to me. In turn, I can assure you that you, or the person(s) who can best articulate the problem(s), will be invited to express their viewpoint(s) to the committee that receives this referral. Whether the committee decides to meet the interested parties on an individual basis or as a group(s) will no doubt depend on the nature of the complaints.

In any event, I will keep you apprised of actions taken with respect to your request. In the event that the matter is referred to committee prior to receiving further guidance from you, I will ask the committee chair to communicate directly with you, and I will inform you as to which committee got the referral and who the Chair of that committee is. At that point, feel free to communicate directly with the committee chair, but I'd appreciate being copied on any specific requests for action.

February 13, 1995

**MEMORANDUM**

**TO:** Prof. Bob Montgomery, Acting Chair, Tenure Committee  
Prof. Lance Haynes, Chair, Personnel Committee  
**FROM:** Jerry Westphal  
**SUBJ:** Review of tenure alternatives

*Shirley -  
Be send copies of  
the IFC Email  
transmitted with  
the memos to  
Prof. Montgomery  
& Haynes  
Thank, Jerry*

Recently, President Wallace asked the IFC to examine alternatives to tenure in the UM System. The IFC demurred (properly I think), preferring to pass the issue on to the respective campuses. Accordingly, at their meeting on January 16, 1995, the IFC passed a resolution that the issue of alternatives to tenure be directed to each campus for discussion and recommendation. I have attached a copy of the IFC resolution.

According to Faculty Bylaws, the Tenure Committee may make recommendations for changes to tenure policy through the Academic Council to the Board of Curators. Among other things, the Personnel Committee recommends to the Academic Council on conditions of employment. Because tenure is a condition of employment for regular faculty, I infer that the Personnel Committee may also have a stake in this issue. Therefore, I am asking that the Tenure Committee and the Personnel Committee jointly consider alternatives to tenure.

So as to make the issue a tractable one that may have a definable outcome within a reasonable period of time, I recommend that the Chair of each of the two committees appoint two members to a subcommittee. It will be the task of the subcommittee to assimilate input from each of the parent committees and from whatever outside sources they deem suitable, and to prepare a recommendation or position that can be endorsed by both parent committees. As part of the input, the subcommittee should determine the thinking and motivation behind President Wallace's initiative. I envision that this will be done by direct contact with President Wallace. Additionally, the subcommittee should keep themselves apprised of the progress and actions taken in this regard by our sister campuses.

Because the Tenure Committee has the specific charge to recommend changes to the tenure policy, the Tenure Committee should have the lead in this joint referral, and it should be the author for any recommendation, resolution, or stance that may result as a consequence of deliberations about alternatives to tenure. The full Personnel Committee should review the document (resolution, recommendation, stance) prior to its presentation to the Academic Council. If for some reason there is a viewpoint that is unreconcilable with the Tenure Committee's recommendation, then the Tenure Committee should also present a minority report to the Academic Council.



UNIVERSITY OF MISSOURI-ROLLA

*Amended*

Academic Council

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February 13, 1995

**MEMORANDUM**

**TO:** Prof. Pyron, Chair, Curricula Committee  
**FROM:** Jerry Westphal, President, Academic Council  
**SUBJ:** Referral re: CC1 approvals

Dr. Morris believes that CC1 forms sometimes pass out of the department without prior approval by departmental faculty. The attached memo states his position which is based, at least in part, on a recently approved course (CE-499) that originated in the Department of Civil Engineering. In this case, the original CC-1 may have been reviewed by a "few" faculty, but it was not deliberated upon by our departmental curriculum committee nor was it presented to the civil engineering faculty for a vote. However, there are probably legitimate mitigating circumstances for which there appears to be no provision in our current rules.

I'd like your committee to consider the issue raised by Dr. Morris and make a recommendation for resolution to the Academic Council. If you decide to recommend changes in the forms or procedures, I urge caution when it comes to addressing what factors constitute a majority of departmental faculty. For instance, Dr. Morris suggests a vote of "tenured" faculty, but I believe "tenure-track" faculty are accorded the full spectrum of voting privileges on other matters. Also, there is a matter of a quorum which may vary between departments.



UNIVERSITY OF MISSOURI-ROLLA  
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Fax: (314) 341-6312

February 15, 1995

TO: Academic Council Members

FROM: Lance Haynes, Chair *Lance*  
Campus Personnel Committee

REF: Review of Department Chairs

After hearing faculty concerns about the administration of annual reviews of Department Chairs, the Personnel Committee recommends to the Council that the paragraph in Policy Memorandum I-25, Personnel Reviews, dealing with annual review of Department Chairs, be changed as follows:

Present (Originally approved in Spring, 1992):

Academic Deans are responsible for annually surveying the faculty of each department regarding performance of its chair. This survey will include an overall grade (A - F), a vote of confidence (retain/do not retain), and an opportunity for other comments from each member of the faculty. The results of this survey will be included in the dean's annual conference with the chair. The dean will also ensure that the results are discussed with the department faculty.

Proposed (new wording underlined):

Academic deans will survey the faculty of each department annually regarding performance of its chair. The responses to this survey will be anonymous. This survey will include an overall grade (A-F), a vote of confidence (retain/do not retain), and an opportunity for other comments from each member of the faculty. The results of this survey will be included in the dean's annual conference with the chair. The dean will discuss the results with the department faculty.

The Personnel Committee further recommends to the Council that, upon approval of these changes by the Chancellor, President Westphal communicate them in writing to the Deans with a reminder of the Deans' obligation to conduct the annual surveys and discuss their results as specified with the department faculty.



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of deliberations about alternatives to tenure. The full Personnel Committee should review the document (resolution, recommendation, stance) prior to its presentation to the Academic Council. If for some reason there is a viewpoint that is unreconcilable with the Tenure Committee's recommendation, then the Tenure Committee should also present a minority report to the Academic Council.

cc: Prof. Ray Edwards  
Prof. Ron Frank  
Prof. Vince Roach  
Prof. Ken Robertson  
Prof. Paul Stigall



UNIVERSITY OF MISSOURI-ROLLA

Academic Council

202 Norwood Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4972

February 15, 1995

**MEMORANDUM**

**TO:** Prof. Bob Montgomery, Chair, Tenure Committee  
Prof. Lance Haynes, Chair, Personnel Committee  
**FROM:** Jerry Westphal  
**SUBJ:** Review of tenure alternatives

Recently, President Wallace asked the IFC to examine alternatives to tenure in the UM System. The IFC demurred (properly I think), preferring to pass the issue on to the respective campuses. Accordingly, at their meeting on January 16, 1995, the IFC passed a resolution that the issue of alternatives to tenure be directed to each campus for discussion and recommendation. I have attached a copy of the IFC resolution.

According to Faculty Bylaws, the Tenure Committee may make recommendations for changes to tenure policy through the Academic Council to the Board of Curators. Among other things, the Personnel Committee recommends to the Academic Council on conditions of employment. Because tenure is a condition of employment for regular faculty, I infer that the Personnel Committee may also have a stake in this issue. Therefore, I am asking that the Tenure Committee and the Personnel Committee jointly consider alternatives to tenure.

So as to make the issue a tractable one that may have a definable outcome within a reasonable period of time, I recommend that the Chair of each of the two committees appoint two members to a subcommittee. It will be the task of the subcommittee to assimilate input from each of the parent committees and from whatever outside sources they deem suitable, and to prepare a recommendation or position that can be endorsed by both parent committees. As part of the input, the subcommittee should determine the thinking and motivation behind President Wallace's initiative. I envision that this will be done by direct contact with President Wallace. Additionally, the subcommittee should keep themselves apprised of the progress and actions taken in this regard by our sister campuses.

Because the Tenure Committee has the specific charge to recommend changes to the tenure policy, the Tenure Committee should have the lead in this joint referral, and it should be the author for any recommendation, resolution, or stance that may result as a consequence of deliberations about alternatives to tenure. The full Personnel Committee should review the document (resolution, recommendation, stance) prior to its presentation to the Academic Council. If for some reason there is a viewpoint that is unreconcilable with the Tenure Committee's recommendation, then the Tenure Committee should also present a minority report to the Academic Council.

RESOLUTION PASSED AT IFC MEETING

Given the fundamental nature of the rights and privileges of tenure to the mission of the university, it is moved that the initiative of the President to examine alternatives to tenure be directed to each campus for discussion and recommendation. The recommendations from each campus should be forwarded to the IFC to be integrated into a single report to the President. The report should be recognized as being representative of the position of the faculty on this issue.



**Resolution #9495R5**  
**Student Judicial Board**

**Meeting Date:** February 21, 1995

**WHEREAS:** The majority of the student body believes that students should be more involved in the student disciplinary process,

**THEREFORE:** Be it resolved that the Student Council of the University of Missouri-Rolla recommends the institution of a Student Judicial Board as outlined below.

**Section 1.** The purpose of the Board shall be to give any student entering the disciplinary process the option of having their case heard by a peer group at the first stage of the process, except in cases of academic dishonesty. The Board shall have the power to conduct a hearing, decide on a preponderance of evidence, and either dismiss the case or recommend disciplinary sanctions to the student. If sanctions are recommended by the Board, the student can either accept them or choose to have their case heard by the Student Conduct Committee.

**Section 2.** A secondary purpose of the Board shall be to keep the student body informed of their rights and responsibilities as they relate to the student code of conduct. They shall serve as a reference to the student body in this respect.

**Section 3.** The Board shall be composed of 5 members and 2 alternates, all of which shall be students currently enrolled at UMR, and shall retain their position as long as they are enrolled and wish to remain on the Board. If a board member vacates his/her position, their position shall be filled by an alternate until a permanent replacement is chosen.

**Section 4.** For the first year, the members of the Board shall be recommended by an application and interview process. The interviews shall be conducted by a panel composed of the elected officers of Student Council and the Student Judicial Officer. The panel shall recommend up to ten applicants to be voted upon at the first regular Student Council meeting after the conclusion of the interview process. The top five students chosen by the voting council members shall be recommended to serve on the Board, with sixth and seventh choices recommended as alternates. Subsequent members of the Board shall be recommended through an application and interview process conducted by the Board.

**Section 5.** The recommendations made by the process outlined in Section 4 shall be submitted to the Student Affairs office and the Chancellor. The Student Affairs office and the Chancellor shall designate who serves on the Board. Once designated, the Board shall have the power to be the Primary Administrative designee as outlined in *Collected Rules & Regulations, University of Missouri, Chapter 200.020 Rules of Procedures in Student Conduct Matters, Section E, Item 1*, provided that the student entering the process chose to use the Board.

**Section 6.** All members and alternates shall attend orientation/training sessions conducted by the Student Affairs division of UMR.

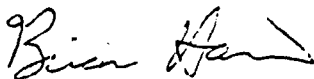
**Section 7.** The Student Judicial officer shall reserve the right to deem a case inappropriate for hearing by the Student Judicial Board.

**Section 8.** If a member or alternate of the board must enter the student disciplinary process, he/she must go before the Student Judicial Officer.

**Section 9.** If 3 out of 4 members vote for the removal of the fifth member of the board due to ineffective performance of his/her duties, that member shall go before a regular meeting of the Student Council and shall be permanently expelled from the Student Judicial Board upon majority vote of the council.

**Section 10.** If a conflict of interest exists between a member or members of the Board and the student that goes before the Board, the member or members of the Board must temporarily step down and be replaced by an alternate or both alternates. If this conflict exists between more than two members of the Board and the student, that student cannot use the Student Judicial Board and must either go before the Student Judicial Officer or the Student Conduct Committee.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Brian Harris". The signature is fluid and cursive, with a long horizontal stroke at the end.

Brian Harris, Chair  
University Relations Committee



UNIVERSITY OF MISSOURI-ROLLA

Academic Council

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February 22, 1995

**MEMORANDUM**

**TO:** Prof. Bob Montgomery, Acting Chair, Tenure Committee  
Prof. Lance Haynes, Chair, Personnel Committee  
**FROM:** Jerry Westphal  
**SUBJ:** Review of tenure alternatives (modified charge)

Recently, President Wallace asked the IFC to examine alternatives to tenure in the UM System. The IFC demurred (properly I think), preferring to pass the issue on to the respective campuses. Accordingly, at their meeting on January 16, 1995, the IFC passed a resolution that the issue of alternatives to tenure be directed to each campus for discussion and recommendation. I have attached a copy of the IFC resolution.

According to Faculty Bylaws, the Tenure Committee may make recommendations for changes to tenure policy through the Academic Council to the Board of Curators. Among other things, the Personnel Committee recommends to the Academic Council on conditions of employment. Because tenure is a condition of employment for regular faculty, I infer that the Personnel Committee may also have a stake in this issue. Therefore, I am asking that the Tenure Committee and the Personnel Committee jointly consider alternatives to tenure.

So as to make the issue a tractable one that may have a definable outcome within a reasonable period of time, I recommend that the Chair of each of the two committees appoint two members to a subcommittee. I will appoint one member from the Academic Council at large to bring total subcommittee membership to five. It will be the task of the subcommittee to assimilate input from the Tenure Committee, the Personnel Committee, and from whatever outside sources they deem suitable, and to prepare a recommendation or position that can be endorsed by both parent committees. As part of the input, the subcommittee should determine the thinking and motivation behind President Wallace's initiative. I envision that this will be done by direct contact with President Wallace. Additionally, the subcommittee should keep themselves apprised of the progress and actions taken in this regard by our sister campuses.

Because the Tenure Committee has the specific charge to recommend changes to the tenure policy, the Tenure Committee should have the read in this joint referral, and it should be the author for any recommendation, resolution, or stance that may result as a consequence



UNIVERSITY OF MISSOURI-ROLLA

Academic Council

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To: UMR Faculty

Academic Council Meeting  
Thursday, February 23, 1995; 1:30 P.M.; G-5 H/SS

I. Approval of minutes of the January 19, 1995 Meeting

II. Reports and Responses

- A. President's Report (10 minutes) Jerry Westphal
  - 1. IFC Meeting
  - 2. Board of Curators Meeting
  - 3. MAFS Meeting Greg Gelles
- B. Chancellor's Report (10 minutes) John Park  
(10 minutes for Questions and Answers)

III. Reports of Standing and Special Committees

- A. Admissions and Acad. Standards(no report) Lance Williams
  - 1. Rescheduled Classes
  - 2. Enforcement of Course Prerequisites
  - 3. S/U Grades
  - 4. GPA on transfers
- B. Curricula (5 minutes) Howard Pyron
  - 1.\*Report No. 5
- C. Parking, Security, and Traffic(No report) Clark Barker
  - 1. Parking Permit Procedure
- D. Personnel (10 minutes) Lance Haynes
  - 1. Faculty Awards Procedure
  - 2. Annual Review of Administrators
  - 3. Proposed Changes to Grievance Procedure
  - 4. Dean Search Procedures
- E. Student Affairs (5 minutes) Matt Benz
  - 1. Constitutions-Student Council and Circle K

IV. Old Business

V. New Business and Announcements

- A. Referrals
  - 1. CC1 Approvals (to Curricula Committee)
  - 2. Tenure and Promotion Committee Process (to Personnel)
  - 3. Review of Informal Grievance Procedures for Sexual/Racial Harassment (to Personnel)
  - 4. *Alt to Jeme (go to Personnel + Jeme)*

\*Information distributed with agenda to Academic Council members and department chairs.



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VOL. XXIV, NO. 5  
Minutes of the Academic Council Meeting  
February 23, 1995

XXIV, 5. The meeting was called to order at 1:30 P.M. by President Jerry Westphal. Substitutions noted were: Sudhoff for Moss and Belarbi for Morris.

.1 Professor Westphal proposed a correction to the minutes of the January 19, 1995 meeting, as follows: Item XXIV,4.5.B, last sentence should read "Professor Westphal stated that he had already reported on the recent meeting of the Campus Climate Committee and that he intended to make no additional remarks in that regard." There was then a motion to approve the minutes to include the correction. There was a second and motion passed by voice vote.

.2 REPORTS AND RESPONSES

A. PRESIDENT'S REPORT

1. President Westphal first reported on the IFC meeting that he attended on February 17.

a. The first item at IFC was Proposed Changes to the Grievance Procedures. There was lengthy discussion of this item.

b. The second item discussed was Health Care, with the main point being that Faculty wants more input.

c. The last item taken up was Program Review, with a brief discussion of this subject.

2. Professor Westphal also reported on the Board of Curators' Meeting that he attended on January 26 at UMSL.

a. President Westphal said that Curator Adam Fister lauded the System Faculty.

b. The main item was the possible tuition raise. There was a well-organized student opposition to this, but it passed with only one No vote.

c. There was a question from the floor concerning a rumor that President Russell might not renew his contract. Professor Westphal answered that President Russell is under contract until 1997, but that the Columbia Tribune had quoted him as saying that he might walk out if he got into too much "hot water" over program review.

3. MAFS-President-Elect Greg Gelles gave this report on the meeting he attended on February 6 in Columbia.

- a. Professor Gelles said that the MAFS is establishing a permanent office in Jeff City.
- b. A Committee on Governance was set up, and Professor Gelles is a member.
- c. An update was given at this meeting on the Funding for Results Initiative. Professor Gelles gave a handout about an Email discussion of Funding for Results.

B. CHANCELLOR'S REPORT

1. Dr. Park stated that at the next Chancellor's Council meeting, there will be a report on progress on the Strategic Action Plan.
2. On the subject of budget, Dr. Park said that the Governor has proposed a 1.7% increase in the General Operating Fund for the University System. The Chancellor said that this increase would not match inflation, and UMR would have to do some reallocation of funds to "hang even".
3. The next item Dr. Park brought up was Program Review. He said the focus had to be on "the needs of those we are serving, in the very best possible manner." He said, beginning last December, these steps have been taken toward UMR's Program Review:
  - a. Review of Mission and Vision.
  - b. Finding what is the implementation of the mission.
  - c. Initiatives-outlining primary processes.He also said that coming up on March 16, they would be working on specific goals.
4. Q & A
  - a. A question was asked, "Is the Program Review situation uniform on all campuses. Dr. Park answered that UMR is unique and has the focus that the Board of Curators want for all campuses.
  - b. There was a comment from the floor about concern for a possible drop in enrollment, and that UMR might need to emphasize other programs offered besides engineering. Dr. Park said he wouldn't argue that point, but that the focus of our institution would not change by next year. The comment was then made that we should look 5 years ahead.
  - c. Dr. Park said that the enrollment drop could change, because the job situation for engineers is improving.
  - d. After a lengthy discussion of other items, Professor Roach said that the Academic Council should have a copy of the revised Mission and Vision. Dr. Park replied that it is still a draft, and he would encourage all to look at it on Gopher as changes are made. When it is complete, the Chancellor said, it would be proper

for the Academic Council to formally recognize it.

e. Professor Westphal assured the Council that this procedure is set up so that all are working for a common goal, and that the effort is being made to get input from Faculty, Staff, and students.

### .3 REPORTS OF SPECIAL AND STANDING COMMITTEES

A. CURRICULA-This report was presented by Professor Howard Pyron, who presented the EC1's for information, and then moved to approve the CC1's as distributed. There was a second, followed by some discussion of the wording on 3910, 3917, and 3937, and the questions asked, if they would be edited and "cleaned up". After Professor Pyron answered that this would be done, the motion passed by voice vote.

B. PERSONNEL-This report was presented by Professor Lance Haynes, and consisted of clearing referred items.

1. Professor Haynes explained their review of the Awards Procedure, and the people who are working on each award. They are as follows, and desire input from all: Gary Patterson-Faculty Excellence; Lance Haynes-Outstanding Teacher; Bruce Selberg- Curators' Professor; and Vince Roach-Distinguished Teaching Professor.

2. Professor Haynes referred to the letter that was sent out with the agenda, concerning the Annual Review of Administrators, and a change in wording of Policy Memorandum I-25, Personnel Reviews. Professor Haynes moved to adopt this change. There was a second, followed by a lengthy discussion.

a. Dean Saperstein stated that he feels this policy is at odds with the 5-year review, and is not structured for improvement. He said his concern was with the word "anonymity", and suggested it be replaced with "confidentiality". There was a motion to that effect, which died for lack of a second.

After some further discussion, the motion was put to a vote, and passed with one opposed.

3. Professor Haynes said-concerning the Proposed Changes to Grievance Procedures-that this item was addressed last year, and moved to remove it from the referrals. There was a second, and motion passed.

4. The Personnel Committee is continuing to work Dean Search Procedures. There was a comment from the floor that the committee also needs to look at Department Chair Search Procedures.

Professor Haynes said this request should be sent to President Westphal.

5. Professor Haynes mentioned the new referrals to Personnel, and stated that he had met with Herman "JR" Smith, of the Committee on Campus Environment (formerly the Campus Climate Committee). The Personnel Committee is going to hear from people who have pertinent comments to make, and also from Professor Cohen.

C. STUDENT AFFAIRS-This report was presented by student, Matt Benz, and consisted of the submission of two constitutions for approval-Circle K and the Student Council. There was a motion and a second to approve and motion passed.

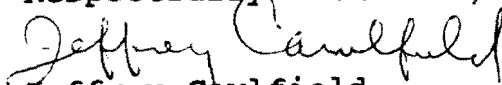
.4 No old business was presented.

.5 New Business

A. President Westphal discussed the new referrals.  
B. Professor Westphal announced that Herman "JR" Smith had asked to report on the progress of the Committee on Campus Environment, but later found he was unable to attend the Council meeting. In his stead, Professor Westphal gave a brief report from that committee's meeting. He reported that 21 people attended the meeting, 11 of whom were members. A sub-committee was charged to put together a questionnaire or survey for input regarding issues that may help make UMR a more friendly place, etc. "JR" Smith proposed a list of 6 or 7 propositions for the committee to consider in the interest of a friendly environment, such as more resources for a full time person to monitor this situation; mentoring for good students; and a place for all flags of countries of UMR students. Professor Westphal noted that Mr. Smith is giving a lot of time to this, and asked that everyone give their concerns or ideas to Mr. Smith, Larry George, or himself. He said that Dr. Park has asked the committee to submit action items for the Strategic Action Plan.

There was a motion and a second to adjourn. Motion passed by voice vote.

Respectfully submitted,

  
Jeffrey Cawlfeld  
Secretary

\*Minutes of the Academic Council are considered official notification and documentation of actions approved.





UNIVERSITY OF MISSOURI-ROLLA  
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**MEMO TO:** Academic Council

**FROM:** Curricula Committee

**DATE:** March 9, 1995, Meeting

**For the information of the Academic Council, the following EC1's have been submitted by the University department for an experimental course that will be offered in the near future.**

**EC1's Reviewed:**

EC1 587, Petroleum Engineering 301, **Natural Gas Engineering**. Approved for Fall 1995. 3 hours credit. Prerequisites: Preceded or accompanied by Petr Eng 241.

EC1 588, Ceramic Engineering 401, **Vapor Deposition**. Approved for Fall 1995. 3 hours credit. Prerequisite: Chem 241.

EC1 589, Management Systems 101, **Introduction to Management Systems**. Approved for Fall 1995. 1 hour credit. Prerequisite: Management Systems major.

EC1 590, Electrical Engineering 401, **Crystal Optics**. Approved for Fall 1995. 3 hours credit. Prerequisite: EE 273.

EC1 591, P,L&A, Speech 201, **Oral Interpretation**. Approved for Fall 1995. 3 hours credit. Prerequisite: SP&M 181.

EC1 592, Mathematics 401, **An Introduction to Inverse Limits**. Approved for Fall 1995. 3 hours credit. Prerequisites: Math 485.

EC1 593, Engineering Mechanics 401, (Co-listed with AE & ME). **Dynamic and Computational Fracture Mechanics**. Approved for Fall 1995. Prerequisites: AE 336 or ME 336 or EMech 336.

EC1 594, Aerospace Engineering 401, (Co-listed with ME & EMech). **Dynamic and Computational Fracture Mechanics**. Approved for Fall 1995. 3 hours credit. Prerequisites: AE 336 or ME 336 or EMech 336.

EC1 595, Aerospace Engineering 301, (Co-listed with ME 301 & EE 301). **Introduction to Smart Structures**. Approved for Fall 1995. 2 hours lecture and 1 hour lab. Prerequisites: ME 279 or EE 231 or equivalent.

EC1 596, Mechanical Engineering 301, (Co-listed with AE 301 and EE 301). **Introduction to Smart Structures.** Approved for Fall 1995. 2 hours lecture and 1 hour lab. Prerequisites: ME 279 or EE 231 or equivalent.

EC1 597, Mechanical Engineering 401, (Co-listed with EM & AE). **Dynamic and Computational Fracture Mechanics.** Approved for Fall 1995. 3 hours credit. Prerequisites: AE 336 or ME 336 or EMech 336.

EC1 598, Electrical Engineering 301, (Co-listed with ME 301 & AE 301). **Introduction to Smart Structures.** Approved for Fall 1995. 2 hours lecture and 1 hour lab. Prerequisites: EE 231 or ME 279 or equivalent.

EC1 599, Engineering Management 401, **Smart Engineering System Design.** Approved for Summer 1995. 3 hours credit. Prerequisites: EMgt 378 or equivalent.

EC1 600, Electrical Engineering 301, **Electrical Engineering Senior Design Project I.** Approved for Fall 1995. 1 hour credit. Prerequisites: EE 220, 253, 265, 271 and consent of instructor.

EC1 601, Engineering Management 301, **Industrial System Simulation.** Approved for Summer 1995. 3 hours credit. Prerequisite: Introductory programming course.

EC1 602, Engineering Management 401, **Industrial Queuing Theory.** Approved for Summer 1995. 3 hours credit. Prerequisite: Stat. 215.

EC1 603, Engineering Management 401, **Mathematical Programming.** Approved for Summer 1995. 3 hours credit. Prerequisite: EMgt 382.

EC1 605, Speech & Media Studies 201, **Speech Criticism.** Approved for Fall 1995. 3 hours credit. Prerequisite: Speech & Media Studies 85.

**The Curricula Committee recommends to the Academic Council that the curricula changes on the following CC1's be approved.**

**CC1's Reviewed:**

**CC1 3938, Physics 326, Fiber and Integrated Optics.** (Co-listed with EE 326). **Removed from tabled.** Approved new course for Fall 1995. 3 hours credit. Prerequisites: EE 275 or Physics 321. Description reads: Introduction to optical waveguides and their applications to communication and sensing. Topics include dielectric waveguide theory, optical fiber characteristics, integrated optic circuits, coupled-mode theory, optical communication systems, and photonic sensors.

**CC1 3939, Physics 324, Fourier Optics. Removed from tabled.** (Co-listed with EE 324). Approved for Fall 1995. **Change in course number from 375.** Change in prerequisites from EE 265 and 271 or equivalent "TO" EE 261 and 275 or Physics 208 and 321. Change in description to: Applications of Fourier analysis and linear system theory to optics. Topics include scalar diffraction theory, Fourier transforming properties of lenses, optical information processing, and imaging systems.

**CC1 3940, Physics 323, Classical Optics. Removed from tabled.** (Co-listed with EE 323). Approved for Fall 1995. **Change in course number from 331.** Change in description to: Physical optics and advanced topics in geometrical optics. Topics include ray propagation, electromagnetic propagation, mirrors, lenses, interference, diffraction, polarization, imaging systems, and guided waves.

**CC1 3943, Management Systems. Removed from tabled.** This CC1 was duplicated as CC1 4004. (File number CC1 3943 was withdrawn and replaced by CC1 4004.) See CC1 4004.

**CC1 3948, Civil Engineering 000. Curriculum change.** Approved change in curriculum for Fall 1995. Justification reads: Revisions reflect adding flexibility to the communications elective; changes in prerequisites due to the communications elective modifications; changes in prerequisites due to "C" or better requirement that instructors have requested in order to improve the quality of the course and the basic level of competence of students in the CE major.

**CC1 3949, Civil Engineering 211, Transportation Engineering.** Approved for Fall 1995. Change in prerequisites from CE 1, preceded or accompanied by CE 241 "TO" CE 001, CE 241, BE 50 all with grade of "C" or better.

**CC1 3950, Civil Engineering 215, Elementary Soil Mechanics.** Approved for Fall 1995. Change in prerequisites from GE 50 preceded or accompanied by BE 110, English 160 "TO" GE 50 preceded or accompanied by BE 110.

**CC1 3951, Civil Engineering 216, Construction Materials, Properties and Testing.** Approved for Fall 1995. Change in prerequisites from BE 110 with grade of "C" or better, preceded or accompanied by English 160 "TO" BE 110 with grade of "C" or better, CE 215.

**CC1 3952, Civil Engineering 235, Hydraulic Engineering.** Approved for Fall 1995. Change in prerequisites from CE 233, English 160 "TO" CE 230 with "C" or better.

**CC1 3953, Civil Engineering 265, Water and Waste Water Engineering.** Approved for Fall 1995. Change in prerequisites from CE 261 "TO" CE 230 with grade of "C" or better, CE 261.

**CC1 3954, Civil Engineering 349, Engineering and Construction Contract Specification.** Approved for Fall 1995. Change in prerequisites from Preceded or accompanied by Ce 249 "TO" Preceded or accompanied by CE 245.

**CC1 3955**, Civil Engineering 363, **Solid Waste Management**. Approved for Fall 1995. Change in prerequisites from CE 261 with "C" or better **"TO"** CE 261 with "C" or better, CE 215.

**CC1 3956**, Geological Engineering 350, **Geological Engineering Design**. Approved for Fall 1995. Change in credit hours from 1 hour lecture and 2 hours lab **"TO"** 2 hours lecture and 1 hour lab.

**CC1 3957**, Physical Education, 111, **Swimming Fitness**. Approved new course for Fall 1995. 1 hour credit. Prerequisite: None. Description reads: The Swimming Fitness course will provide an environment which will be conducive for the student to improve physical skills and conditioning through training in the water. Benefits of exercise, training principles and safety precautions will be emphasized.

**CC1 3958**, Physical Education 109, **Basketball/Volleyball**. Approved new course for Fall 1995. 1 hour credit. No prerequisites. Description reads: The Basketball/Volleyball course will contribute to the mastery of fundamental skills in two of the world's leading participation sports. History, rules and strategy will be emphasized.

**CC1 3959**, Mechanical Engineering 000. Approved curriculum change for Fall 1995. Justification reads: A change in the prerequisite for ME 208 requires the insertion of a new footnote (c) and the relettering of footnote "c" through "f".

**CC1 3960**, Mechanical Engineering 208, **Machine Design I**. Approved for Fall 1995. Change in prerequisite from BE 110, ME 153, Met Eng 121, & accompanied or preceded by ME 161 **"TO"** ME 153, Met Eng 121 & accompanied or preceded by ME 161 and a grade of "C" or better in BE 110.

**CC1 3961**, Mechanical Engineering 213, **Machine Dynamics**. Approved for Fall 1995. Change in prerequisites from EMEch 160, and a grade of "C" or better in Math 8, 21, 22, and Physics 23 **"TO"** A grade of "C" or better in EMEch 160, Math 8, 21, 22 and Physics 23.

**CC1 3962**, Mechanical Engineering 231, **Thermofluid Mechanics I**. Approved for Fall 1995. Change in prerequisites from ME 219 **"TO"** A grade of "C" or better in ME 219. Change in description to: Principles of viscous and inviscid flow in ducts, nozzles, diffusers, blade passages and application to design; dimensional analysis and laws of similarity; external flows; compressible flows.

**CC1 3963**, Mechanical Engineering 408, **Finite Element Approximation II-Second Course**. (Co-listed with EMEch 408 and AE 408.) Approved new course for Fall 1995. 3 hours credit. Prerequisites: EMEch 307 or ME 312 or AE 352. Description reads: Continuation of Finite Element Approximation I-An Introduction; element selection and interpolation estimates, Lagrange, Hermite, and Isoparametric elements; mixed, hybrid, penalty and boundary elements; eigenvalue and time-dependent problems; three-dimensional and non-linear problems.

**CC1 3964**, Aerospace Engineering 282, **Experimental Methods in Aerospace Engineering I**. Approved for Fall 1995. Change in description to: Introduction to experimental methods in low-speed aerodynamics, flight simulation, and aircraft structures. Measurements of drag, boundary layer flows, and aerodynamic forces and moments. flight simulations, and structural testing of aircraft components. Statistical methods and probability distributions in data analysis and interpretation.

**CC1 3965**, Aerospace Engineering 408, **Finite Element Approximation II - Second Course**. (Co-listed with EMEch 408 and ME 408.) Approved new course for Fall 1995. 3 hours credit. Prerequisites: EMEch 307 or ME 312 or AE 352. Description reads: Continuation of Finite Element Approximation I - An Introduction: Element selection and interpolation estimates, Lagrange, Hermite, and Isoparametric elements; mixed, hybrid, penalty and boundary elements; eigenvalue and time-dependent problems; three-dimensional and non-linear problems.

**CC1 3966**, Engineering Mechanics 408, **Finite Element Approximation II - Second Course**. (Co-listed with ME 408 and AE 408.) Approved for Fall 1995. Change in prerequisites from EMEch 307, Math 309 **"TO"** EMEch 307 or ME 312 or AE 352. Change of description to: Continuation of Finite Element Approximation I-An Introduction; element selection and interpolation estimates, Lagrange, Hermite, and Isoparametric elements; mixed, hybrid, penalty and boundary elements; eigenvalue and time-dependent problems; three-dimensional and non-linear problems.

**CC1 3967**, Electrical Engineering 111, **Introduction to Computer Engineering**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: CSci 53, 73, or 74. \*Students should enroll in EE 111 and EE 112 simultaneously. Description reads: Binary arithmetic, Boolean algebra, logic and memory elements, Computer Aided Design (CAD) techniques, computer organization.

**CC1 3968**, Electrical Engineering 112, **Computer Engineering Laboratory**. Approved for new course for Fall 1995. 1 hour credit. Prerequisites: Preceded or accompanied by EE 111. Description reads: Introduction to digital design techniques, logic gates, Medium Scale Integration (MSI) parts and flipflops, Timing analysis, Programming and use of Programmable Logic Devices (PLD).

**CC1 3969**, Electrical Engineering 151, **Circuits I**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: Math 21 with a grade of "C" or better. \*Students should enroll in EE 151 and EE 152 simultaneously. Description reads: Circuit elements, signals, Kirchoff's laws, network theorems, mesh and nodal analysis, transient and complete response of RL, RC, and RLC circuits.

**CC1 3970**, Electrical Engineering 152, **Circuit Analysis Laboratory I**. Approved new course for Fall 1995. 1 credit hour. Prerequisites: Preceded or accompanied by EE 151. Description reads: Safety, basic measurements and meters, oscilloscopes, resistor networks, measurement of capacitors and inductors, RLC circuit response.

**CC1 3971**, Electrical Engineering 153, **Circuits II**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: Both Math 22 and EE 151 with a grade of "C" or better. Passing grade on the EE Advancement Exam I; Students should enroll in EE 152 and EE 153 simultaneously. Description reads: Analysis of steady state AC circuits, phasor notation, polyphase circuits, complex frequency and frequency response, magnetically coupled circuits.

**CC1 3972**, Electrical Engineering 154, **Circuit Analysis Laboratory II**. Approved new course for Fall 1995. One hour credit. Prerequisites: Preceded or accompanied by EE 153; passing grade on the EE advancement Exam I. Description reads: Continuation of EE 152. Advanced oscilloscope measurement techniques, direct current power supply circuits, resonance.

**CC1 3973**, Electrical Engineering 155, **Circuit Analysis Laboratory I and II**. Approved new course for Fall 1995. 2 hours credit. Prerequisites: EE 151 with a grade of "C" or better. A passing grade on EE Advancement Exam I, preceded or accompanied by EE 153. Description reads: A combination of EE 152 and 154.

**CC1 3974**, Electrical Engineering 204, **Electromechanics**. Approved new course for Fall 1995. 3 hours lecture and 1 hour lab. Prerequisites: EE 153 with a grade of "C" or better. A passing grade on the EE Advancement Exam II. Description reads: Magnetics and magnetically coupled circuits, electromechanical energy conversion, rotating magnetic fields, stepper motors, DC machines, induction machines, synchronous machines, and brushless DC machines.

**CC1 3975**, Electrical Engineering 206, **Power System Design and Analysis**. Approved new course for Fall 1995. 3 hours lecture and 1 hour lab. Prerequisites: EE 153 with a grade of "C" or better. Passing grade on the EE Advancement Exam II. Description reads: Power system components and transmission lines, three phase balanced power system theory, analysis and design including economic and reliability considerations, and fault analysis.

**CC1 3976**, Electrical Engineering 225, **Electronic and Photonic Devices**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: Physics 24, Math 22, and preceded or accompanied by EE 275. Description reads: Application of semiconductor materials for electronic and photonic applications. Topics include crystal physics, electron and photon behavior, pn junctions, heterojunctions, junction diodes, optoelectronic devices, and ohmic and rectifying contacts.

**CC1 3977**, Electrical Engineering 251, **Electronics I**. Approved new course for Fall 1995. 3 hours lecture and 1 hour lab. Prerequisites: EE 153 with a grade of "C" or better. A passing grade on the EE Advancement Exam II. Description reads: Diode and transistor circuits, small signal analysis, amplifier design, differential and operational amplifiers, logic families, flipflop circuits and waveshaping.

**CC1 3978**, Electrical Engineering 261, **Linear Systems I**. Approved new course for Fall 1995. 3 hours lecture and 1 hour lab. Prerequisites: EE 153 with a grade of "C" or better. Math 204 with a grade of "C" or better; passing grade on the EE Advancement Exam II. Description reads: Analysis methods for continuous-time systems, in the time and frequency domains

including signal models. Fourier transforms and Laplace transforms. Examples of control and communication systems are included. The laboratory explores the use of software tools for signal and system representation and analysis.

**CC1 3979**, Electrical Engineering 262, **Linear System II**. Approved new course for Fall 1995. 3 hours lecture and 1 hour lab. Prerequisites: EE 261. Description reads: Design and analysis methods for continuous and discrete-time systems including analog filter design, analog to digital conversion, Z-transforms, and Discrete Fourier Transforms. The laboratory introduces the spectrum analyzer and other tools for that analysis of specific systems.

**CC1 3980**, Electrical Engineering 275, **Electromagnetics**. Approved new course for Fall 1995. 3 hours lecture and 1 hour lab. Prerequisites: EE 151, Math 22, and Physics 24 with a grade of "C" or better in each. Passing grade in EE Advancement Exam I. Description reads: Static electric and magnetic fields using vector analysis and including Coulomb's law, Gauss' law, Ampere's law, dielectric and magnetic materials. Time Varying electromagnetic fields using Maxwell's equations applied to plane waves and transmission lines.

**CC1 3981**, Electrical Engineering 323, **Classical Optics**. (Co-listed with Physics 323.) Approved new course for Fall 1995. 3 hours credit. Prerequisites: Math 22 and Physics 24 or 25. Description reads: Physical optics and advanced topics in geometrical optics. Topics include ray propagation, electromagnetic propagation, mirrors, lenses, interference, diffraction, polarization, imaging systems, and guided waves.

**CC1 3982**, Electrical Engineering 324, **Fourier Optics**. (Co-listed with Physics 324.) Approved for Fall 1995. **Change in course number from 375**. Change in prerequisites from EE 265 and 273 or equivalent "TO" EE 261 & 275 or Physics 208 and 321. Change in description to: Applications of fourier analysis and linear system theory to optics. topics include scalar diffraction theory, Fourier transforming properties of lenses, optical information processing, and imaging systems.

**CC1 3983**, Electrical Engineering 325, **Optical Computing**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: EE 111 and EE 275 or equivalent. Description reads: Introduction to the principles, subsystems, and architectures of optical computing. Topics include characteristics of optical devices; optical implementations of memory, logic elements, and processors; and computational structures.

**CC1 3984**, Electrical Engineering 326, **Fiber and Integrated Optics**. (Co-listed with Physics 326.) Approved new course for Fall 1995. 3 hours credit. Prerequisites: EE 275 or Physics 321. Description reads: Introduction to optical waveguides and their applications to communication and sensing. Topics include dielectric waveguide theory, optical fiber characteristics, integrated optic circuits, coupled-mode theory, optical communication systems, and photonic sensors.

**CC1 3985**, Electrical Engineering 327, **Fiber Optic Communication Systems**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: EE 265 or EE 261, EE 253 or EE 251, Preceded or accompanied by EE 243 and EE 225. Description reads: Ideal and non-ideal optical fibers, transmission characteristics of optical fibers, optical sources, LED and laser sources, modulation formats, direct and external modulation, optical detectors, optical amplifiers, noncoherent and coherent optical receivers, wavelength division multiplexing, system performance.

**CC1 3986**, Electrical Engineering 391, **EE Senior Project I**. Approved new course for Fall 1995. 1 hour credit. Prerequisites: Stat 217, EE 111, Econ 121 or 122, Sp&M 85, English 160, at least 3 of the following: EE 204, EE 206, EE 261, EE 262, EE 275, EE 252.

**CC1 3987**, Electrical Engineering 392, **EE Senior Project II**. Approved new course for Fall 1995. 3 hours lab credit. Prerequisites: EE 391, EE 210. Description reads: A continuation of EE 391.

**CC1 3988**, Ceramic Engineering 000. Approved curriculum change for Fall 1995. Justification reads: To expand options on statistical courses available. (i.e., add Stat 213 or EMgt 385 to options for Stat RQMTS.)

**CC1 3990**, Geophysics 285, **Geophysical Imaging**. Approved for Fall 1995. Change in credit hours from 3 "TO" 2 hours lecture and 1 hour lab.

**CC1 3991**, Geology 350, **Hydrogeology**. Returned to department. The committee would like this course offered a second time as an EC-1 before reviewing as a CC1. Offered WS94 once.

**CC1 3992**, Basic Engineering 010, **Engineering Design with Computer Applications**. Approved for Fall 1995. Change in course title from **Engineering Drawing and Descriptive Geometry**. Change in description to: Introduction to software tools (computer aided design drafting, computer mathematics, word processing, spread sheets) with application to professional engineering practice. Principles of engineering design. A semester long group design project is an integral part of the course.

**CC1 3993**, Aerospace Engineering 337, **Dynamics of the Atmosphere**. Approved deletion for Fall 1995.

**CC1 3994**, Mechanical Engineering 371, **Environmental Control**. Approved for Fall 1995. **Change in course number from 275**. Change in prerequisites from ME 219 "TO" ME 221 and accompanied or preceded by ME 225.

**CC1 3995**, Electrical Engineering 402, **Advanced Theory of Electric Machines**. Approved for Fall 1995. Change in description to: Advanced Theory of Electric Machines Energy conversion, reference frame theory, transient and dynamic modeling of ac machines, simulation of ac machines, parameter identification, model-order reduction, advanced topics depending on semester taught.



**CC1 3996**, Electrical Engineering 406, **Power System Stability**. Approved for Fall 1995. Change in prerequisites from EE 307 "TO" EE 207 or Ee 206 or similar course. Change in description to: Synchronous machine theory and modelling; AC transmission; power system loads; excitation systems; control of active and reactive power; small signal stability; transient stability; voltage stability; mid-term and long-term stability; subsynchronous oscillations; stability improvement.

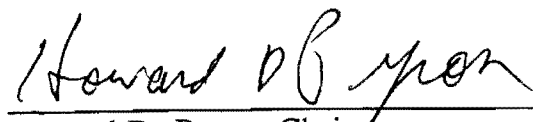
**CC1 3997**, Electrical Engineering 408, **Computer Methods in Power System Analysis**. Approved for Fall 1995. Change in prerequisites from EE 307 "TO" EE 207 or EE 206 or similar course.

**CC1 3998**, Chemistry 458, **Principles and Applications of Mass Spectrometry**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: Chem 251 or equivalent. Description reads: The course covers fundamental physical principles of mass spectrometry, instrumentation, interpretation of spectra, and applications in environmental, polymer, biomedical, and forensic fields.

**CC1 3999**, Chemistry 486, **Inorganic Polymers**. Approved new course for Fall 1995. 3 hours credit. Prerequisites: Chem 237 or equivalent. Description reads: A basic study of inorganic natural and synthetic polymers, their formation and reactivity, their inherent properties, methods of characterization and applications.

**CC1 4004**, **Management Systems**. Approved curriculum changes for Fall 1995. This CC1 replaces CC1 3943. Curriculum changes are being made to incorporate general education requirements and computer science course changes.

The meeting adjourned at 3:40 p.m. The next meeting will be Thursday, April 6, 1995, at 2:30 p.m. in Room 216 Parker Hall.

  
Howard D. Pyron, Chair

UNIVERSITY OF MISSOURI  
Columbia, Kansas City, Rolla, St. Louis

OFFICE OF THE GENERAL COUNSEL

INTER-DEPARTMENT CORRESPONDENCE

TO: Camille Consolvo  
FROM: Kate Markie  
DATE: March 13, 1995  
RE: Proposed Student Judicial Board

You have asked me to review and give some comments on the proposed Student Judicial Board, presented in Resolution #949SR5, dated February 21, 1995.

As I have previously discussed with you and separately with Brian Harris, the Student Conduct Procedure in §200.020 of the Collected Rules and Regulations of the University of Missouri is the Disciplinary Procedure governing all campuses of the University of Missouri system. It has been passed by the Board of Curators, and reviewed to ensure that it provides due process to accused students. This is significant because, as a state institution, the University of Missouri is required to provide due process in its disciplinary procedures. See §200.020A of the Collected Rules and Regulations of the University of Missouri.

Thus, whether a campus procedure is permissible will depend, (1) upon whether it is consistent with the Curator's policy, and (2) upon whether it provides due process.

Section 200.020E.1. states that "the Chief Student Affairs Administrator on each campus or designee is the primary officer except in cases of academic dishonesty, where the Chief Academic Administrator responsible for administering the Student Conduct Code or designee is the primary administrative officer." As I read this section, the authority and responsibility for discipline rests with the

individual administrators listed here. Consequently, any designee must be their designee, appointed (and removable) by them, and answerable to them.

Section 200.020E.2. states that "[t]he Primary Administrative Officer shall investigate any reported student misconduct before initiating formal conduct procedures and give the student the opportunity to present a personal version of the incident or occurrence". This section goes on to state that "[t]he Primary Administrative Officer, in making an investigation and disposition, may utilize student courts and boards and/or divisional deans to make recommendations." Again in this section the authority and responsibility rests with the Primary Administrative Officer. Others may be involved in fact-finding and may make recommendations as to appropriate sanctions, but decisionmaking rests with the Primary Administrative Officer.

Section 200.020E.3. concerns informal dispositions, and gives the Primary Administrative Officer "the authority to impose appropriate sanctions and shall fix a reasonable time within which the student shall accept or reject a proposed informal disposition" after which the case is forwarded to the Student Conduct Committee for formal hearings. The authority to impose sanctions at the informal stage thus belongs to the Primary Administrative Officer. The purpose of the informal disposition, in my view, is to provide a mechanism for the expeditious, informal, and relatively confidential resolution of disciplinary matters where the accused student does not wish to dispute the facts as presented by the Primary Administrative officer and finds the proposed discipline acceptable.

With regard to Resolution #9495R5, let me first make some general comments, and then comment on specific sections. (1). As I understand §200.020 E.2., student courts and boards may be used in an investigative or advisory capacity by the Primary Administrative Officer prior to the initiation of formal conduct proceedings. In legal terms, this bodies would be determining whether there is probably cause to charge the accused student; they would not make a decision as to guilt or onnocense based on a standard of proof. Section 1 of this resolution, however, has the Student Judicial Board "decid[ing] on a preponderance of the evidence "either to "dismiss the case or recommend disciplinary sanctions." It thus substitutes another dicisionmaking body for that prescribed in the Collected Rules. (2). The resolution dilutes the authority of the Chief Student Affairs Officer by requiring that the Student Council be included in determining those recommended to serve on the Board, and by

requiring that the Chancellor be included in the process of designating the Board Members. (3) Since there are no stated procedures, there is no assurance that due process would be provided.

Section 1. This section includes the principal elements of the resolution which appear to conflict with the Collected Rules, and which appear to fail to provide due process.

Although this section refers to "the first stage of the process" suggesting that the all-student Student Judicial Board's role is to determine as a preliminary matter whether there is probable cause to charge an accused student, it replaces (at the accused student's option) a hearing before the largely faculty Student Conduct Committee provided in the Collected Rules. This changes the ultimate factfinder provided in the Collected Rules from the Student Conduct Committee to the Student Judicial Board.

It is unclear who is the decisionmaker. Under Section 200.020, the decisionmaker is the Student Conduct Committee, whose decision may be appealed to the Chancellor. Under this resolution, the Student Judicial Board makes a Recommendation for sanctions, but it is uncertain whether this recommendation is to the Chancellor, the Student Conduct Committee, or the Chief Student Affairs Officer. If the decisionmaker is anyone other than the Chief Student Affairs Officer (who would have veto authority), Section 1 would appear to conflict with the Section 200.020.

It prescribes no procedure for hearings before the proposed Student Judicial Board - it is not clear whether the hearing is adversarial, who the parties are, what role, if any, the Chief Student Affairs Officer has in the procedure, or how evidence is to be presented.

Further, there is no provision for the usual due process safeguards, e.g. there is no requirement of notice to the accused student, no requirement of an opportunity to be heard, no requirement of an opportunity to be confronted with the evidence against him or her. Although it is not so stated, it appears that if the proposed Student Judicial Board dismisses a case, the Chief Student Affairs Officer may take no further action.

Sections 4 and 5. If, as indicated in the discussion of Section 1, the hearing by the Student Judicial Board essentially replaces the hearing by the Student Conduct Committee, the Board's authority and responsibility would be different from and perhaps greater than that of the Chief

Student Affairs Officer. Accordingly, their authority could not derive solely from their designation by the Chief Student Affairs Officer (who could grant the designee no more than the authority he or she has). Further, these sections dilute the authority granted in Section 200.020 E.1. to the Chief Student Affairs Officer in two ways. First, the Chief Student Affairs Officer may choose his or her designees only from those chosen jointly with the elected officers of the Student Council. Second, the Chief Student Affairs Officer designates those to serve jointly with the Chancellor. There is no provision for "undesignating" members of the Board.

Section 7. Who is the Student Judicial Officer? If it is not the Chief Student Affairs Officer (or designee) then this provision conflicts with the Collected Rules for the same reasons as stated regarding Sections 4 and 5.

The Collected Rules do not explicitly state that a designee must be an individual, and some might interpret Section 200.010E.1. to permit a student group (or some other body) to constitute the designee of the Chief Student Affairs Officer (if he or she chose to designate that body, could control that body, and could take back the designation at will). I would not recommend such a designation because I believe it would raise due process issues particularly if the group were larger than 2 or 3 individuals (and so might need procedures to operate), would present confidentiality issues, and would make that part of the discipline process that is intended to be expeditious more lengthy.



UNIVERSITY OF MISSOURI-ROLLA  
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Office of the Vice Chancellor

Student Affairs

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March 14, 1995

TO: Dr. Jerome Westphal  
President, Academic Council

FROM: Wendell R. Ogrosky *WRO*

RE: Campus Disciplinary Process

Attached is a Student Council resolution recommending a Student Judicial Board be added to the campus disciplinary process. Also attached is University of Missouri Legal Counsel's response to the suggestion that a Student Judicial Board be implemented.

Since the UMR Student Conduct Committee is appointed by the Academic Council, it is my opinion that the Academic Council should view these documents for comments and/or suggestions.

Please advise.

WRO:sh

Attachments

cc: Dr. John T. Park, Chancellor  
Mr. Andrew Sears, Student Council President  
Mr. Brian Harris, Chair, Student Council University Relations Committee  
Mr. Keith Blackford, Student Council President Elect  
Dr. Camille Consolvo, Assistant to the V.C./Student Affairs

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March 29, 1995

**MEMORANDUM**

**TO:** Dean Fulton  
Dean Mitchell  
Dean Saperstein

**FROM:** Jerry Westphal, President, Academic Council

**SUBJ:** Review of Department Chairs

Gentlemen,

As part of the motion to revise Policy Memorandum I-25 (approved at the Academic Council meeting of February 23, 1995), it was recommended that I transmit to you in writing, a reminder of your obligation to conduct annual surveys and to discuss their results with department faculty. The revised Policy Memorandum reads as follows:

Academic Deans will survey the faculty of each department annually regarding performance of its chair. The responses to this survey will be anonymous. This survey will include an overall grade (A-F), a vote of confidence (retain/do not retain), and an opportunity for the other comments from each member of the faculty. The results of this survey will be included in the Dean's annual conference with the chair. The dean will discuss the results with the department faculty.

I have underlined the revised wording as was done when the motion for revision was submitted for consideration. The prior version stated that Deans were responsible for annual surveys and that they would ensure that results were discussed with faculty. As I understand the revision, 1) it now mandates an annual survey, 2) survey results will now be anonymous, and 3) it mandates that the Dean will have a discussion of results with the faculty.

No doubt you have already incorporated this into your plans. Now I too can say that I have completed the charge of the Council to me.

cc: Dr. Lance Haynes, Chairman, Personnel Committee



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**MEMO TO:** Academic Council  
**FROM:** Curricula Committee  
**DATE:** April 6, 1995, Meeting

For the information of the Academic Council, the following EC1's have been submitted by the University department for an experimental course that will be offered in the near future.

**EC1's Reviewed:**

**EC1 607, Arts & Sciences, Arts & Science Orientation 101.** Approved for Fall 1995. 1 hour credit. No prerequisites.

**EC1 608, Geology, Hydrogeology 301.** Approved for Fall 1995. 3 hours credit. Prerequisites: GE Eng 50 or Geol 51, Geol 223 recommended.

**EC1 609, Geological Engineering 401, Remedial Engineering for Uncontrolled Hazardous Waste Sites.** Approved for Fall 1995. 3 hours credit. Prerequisites: GE 337.

**EC1 610, Philosophy & Liberal Arts 201, Leadership Communication.** Approved for Fall 1995. 3 hours credit. Prerequisites: SP&M 150 or 181.

The Curricula Committee recommends to the Academic Council that the curricula changes on the following CC1's be approved.

**CC1's Reviewed:**

**CC1 3989, Electrical Engineering 000.** Removed from table. Approved change in curriculum for Fall 1995. The majority of changes in the EE curriculum were approved at the March 9, 1995, meeting. However, Basic Engr 140 and Math & Stat 217 are included in this curriculum change and are being reviewed at this meeting.

**CC1 4000, Psychology 000.** Approved change in curriculum for Fall 1995. Justification reads: Psychology added the Capstone course requirement (Seminar 310 or undergraduate research 390) to the Psychology B.A. curriculum.

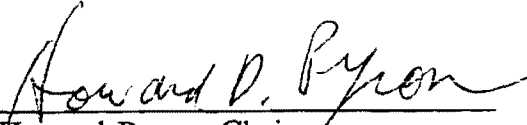
**CC1 4001, Psychology 000.** Approved change in curriculum for Fall 1995. Justification reads: Psychology added the Capstone course requirement (Seminar 310 or undergraduate research 390) to the Psychology B.S. curriculum.



**CC1 4002, Math & Stat 217, Introduction to Probability and Statistics.** Approved new course for Fall 1995. 3 hours credit. Prerequisites: Math 21. Description reads: An introduction to probability, distribution theory, statistical inference, and their application to physical and engineering sciences. Topics covered will include probability laws, probability distributions, joint distribution, functions, hypotheses, regression analysis.

**CC1 4003, Computer Science 258, Abstract Structures.** Approved deletion for Fall 1995.

**CC1 4005, Basic Engineering 140, Statics and Dynamics.** Approved new course for Fall 1995. 3 hours credit. Prerequisites: Physics 23 or 21; preceded or accompanied by math 22. Description reads: An introduction to the principles of mechanics pertaining to problems of equilibrium, motion, and acceleration in two dimensions. Particle and rigid body equilibrium and applications; general planar motion; force, mass, and acceleration; impulse/momentum; work/energy. This course will not satisfy the prerequisite for BE 110.

  
Howard Pyron, Chair



UNIVERSITY OF MISSOURI-ROLLA  
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April 11, 1995

Memo To: ● Members of the Sub-committee on Alternatives To Tenure  
(R. Edwards, R. Frank, Roach, K. Robertson, and P. Stigall)  
● President Jerry Westphal  
● Prof. Bob Montgomery, Acting Chair, Tenure Committee  
● Prof. Lance Haynes, Chair, Personnel Committee

From: Vince Roach for the Sub-committee on Alternatives To Tenure  
Re: Progress Report on Discussions of Sub-committee

The sub-committee has met twice to discuss the subject matter outlined in the memo (Feb 22, 1995) from President Westphal to Drs. Haynes and Montgomery. The following is a summary of actions/discussions of the sub-committee.

(1) To determine the thinking and motivation of President Russell in asking the faculty to consider alternatives to tenure, the sub-committee asked Dr. Roach to discuss the same with Dr. Russell during IFC (March 10) discussions. President Russell insists that his only motivation in making the request is to be able to assure external persons/agencies that the university is considering all aspects of the tenure process including, if appropriate, alternatives to tenure.

(2) During the same IFC discussions, it was disclosed that UMKC and UMC have not begun considering President Russell's request; UMSL has formed a committee but taken no action.

(3) Our sub-committee has examined relevant sections of the UM Collected Rules and Regulations (copy enclosed as part of Vice President Wallace's presentation to Association of Land Grant Colleges ) as well as other materials regarding tenure (for example, see enclosed chapters on tenure from book "The University, An Owners' Manual" by Henry Rosovsky). From the discussions, etc., the sub-committee has, at this point in time, concluded that the tenure procedure as contained in the Collected Rules and Regulations has generally worked well in the past and continues to work well. The Rules and Regulations contain all that is necessary to

correct what others might perceive as shortcomings of the tenure process. As stated by one of the committee members, "the tenure process is working well as judged by those understanding tenure and not working well as judged by those not understanding tenure."

The Sub-committee recessed their deliberations until such time as it feels a recommendation to the Tenure and the Personnel Committees is advisable/necessary. Meanwhile additional materials will be collected by the Chair and distributed to Sub-committee members which may be discussed at a future time. In this vein, a copy of a speech given by the President of A.A.U.P. on March 25 at a regional meeting in Kansas City is enclosed --- a part of it includes comments on the tenure process.

Enclosures



UNIVERSITY OF MISSOURI-ROLLA

Academic Council

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To: UMR Faculty

Academic Council Meeting  
Thursday, April 20, 1995; 1:30 P.M.; G-5 H/SS

- I. Approval of minutes of the February 23, 1995 Meeting
- II. Reports and Responses
  - A. President's Report (5 minutes) Jerry Westphal
  - B. Chancellor's Report (10 minutes) John Park  
(10 minutes for Questions and Answers)
- III. Reports of Standing and Special Committees
  - A. Admissions and Academic Standards(10 minutes)Lance Williams
    - 1.\* Rescheduled Classes
    - 2.\* Enforcement of Course Prerequisites
    - 3.\* S/U Grades
    - 4.\* GPA on transfers
  - B. Curricula (5 minutes) Howard Pyron
    - 1.\*Report Nos. 6 and 7
  - C. Parking, Security, and Traffic (10 minutes) Jerry Tien
    - 1. Parking Permit Procedure
  - D. Personnel (5 minutes) Lance Haynes
    - 1. Dean Search Procedure
  - E. Student Affairs (5 minutes) Matt Benz
    - 1.\* Six proposed Constitutions
- IV. Old Business
- V. New Business and Announcements
  - 1. Referrals
    - a.Department Chair Search Procedure(To Personnel)
    - b.Creation of Student Judicial Board(To Student Conduct)
    - c.Time of Year for Committee Elections(To RP &A)

\*Information distributed with agenda to Academic Council members and department chairs.



UNIVERSITY OF MISSOURI-ROLLA

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VOL. XXIV, NO. 6  
Minutes of Academic Council Meeting  
April 20, 1995

XXIV,6. The meeting was called to order promptly at 1:30 P.M. by President Jerry Westphal. One substitution was noted-Morgan for Fulton.

.1 It was moved and seconded that the minutes of the February 23, 1995 meeting be approved as distributed. Motion carried.

.2 REPORTS AND RESPONSES

A. PRESIDENT'S REPORT

1. Professor Westphal stated that he had no IFC report or President's report, other than the fact that the last Board of Curators meeting was held here at UMR.

2. As the Chancellor was not yet present, President Westphal announced a change in the order of the agenda-moving on to Committee reports.

.3 REPORTS OF STANDING AND SPECIAL COMMITTEES

A. ADMISSIONS AND ACADEMIC STANDARDS-This report was presented by Professor Lance Williams. He referred to the report that was distributed with the agenda, and moved to accept it. There was a second, no discussion, and motion passed.

B. CURRICULA-This report was presented by Professor Howard Pyron. Previously distributed with the agenda were two reports(from March 9 and April 6). A motion to approve the first report was made, seconded, and passed, followed by a motion and second to approve the second report. Motion passed.

.2 (REPORTS AND RESPONSES CONTINUED)

B. CHANCELLOR'S REPORT

1. Dr. Park briefly discussed the Program Review process. He said he had recently sent out requests to each department for information that he could take to the Board of Curators. The Chancellor said that at the Board of Curators' meeting, he will be discussing how UMR determines

what our enrollment should be, specifying progress, emphasis and cost.

2. Q & A-There were no questions from the floor.

.3 (REPORTS OF STANDING AND SPECIAL COMMITTEES CONTINUED)

C. PARKING, SECURITY, AND TRAFFIC-This report was presented by Professor Ralph Flori, who gave a brief presentation on how parking stickers are currently assigned. He then presented a proposed new policy-regrouping seniority groups(faculty and staff). There were a few questions from the floor, followed by a motion to approve the proposal. There was a second, and motion carried.

1. The issue was then brought up as to whether the Academic Council has authority over the PS&T Committee. President Westphal made a referral to the committee to research this matter. Professor Wise will write the referral.

D. STUDENT AFFAIRS-Matt Benz presented six constitutions for approval. There was a motion and a second to approve all of the proposed constitutions. After one or two questions from the floor, motion passed.

.4 There was no old business presented.

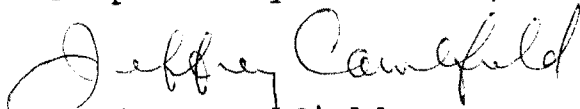
.5 New Business

A. Three referrals were made by Professor Westphal as listed on the agenda.

B. Professor Greg Gelles distributed a handout concerning Dr. Gajda's proposal to hold a Fall Leadership Conference at UMR, and the suggested plan and agenda. Professor Gelles moved to have the Academic Council endorse the plan. There was a second and motion passed.

There was a motion and a second to adjourn. Motion passed by voice vote.

Respectfully submitted,

  
Jeffrey Cawlfeld  
Secretary

\*Minutes of the Academic Council are considered official notification and documentation of actions approved.



UNIVERSITY OF MISSOURI-ROLLA  
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## General Faculty Meeting Minutes

May 2, 1995

Aaron J. Miles Auditorium, 4:00 P.M.

- I. Call-to-Order: Chancellor John T. Park called the meeting of the General Faculty to order at 4:00 P.M.
- II. Chancellor Park recognized Professor William F. Parks for the presentation of a memorial resolution in honor of Harry A. Brown, Professor of Physics. Professor Parks moved that the memorial resolution be incorporated in the minutes of the faculty meeting with copies being forwarded to family members. The motion was approved (see Attachment A).
- III. Chancellor Park called for approval of the minutes of the December 6, 1995 meeting. The minutes were approved as distributed.
- IV. Unfinished Business - None
- V. Recognition of Faculty Patent Awards - Connie Armentrout and award recipients were unable to attend meeting and will be scheduled at a later time.
- VI. Reports of Standing or Special Committees-None
- VII. New Business
  - A. Approval of Candidates for Degrees: It was moved and seconded that the names on the previously circulated list of degree candidates for degrees on May 13, 1995 be approved, subject to successful completion of any remaining degree requirements. The motion carried.
  - B. Chancellor's Report

Chancellor Park provided a report on the Program Review process and noted that the Program Review report would be presented to the Board of Curators in June. Chancellor Park reported that Action Items for the Strategic Action Plan were due in the unit offices and commented on the efforts being made on the Missouri Quality Award. Chancellor Park reviewed the campus progress in enrollment and quality of students, graduation rate of minorities, persistent rates of freshmen and graduation rates.

Chancellor Park commented on faculty salaries, research expenditures and faculty publications.

VIII. Announcements - None

IX. Adjournment - The meeting was adjourned.

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Myron G. Parry, Secretary





UNIVERSITY OF MISSOURI-ROLLA  
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College of Arts and Sciences

Department of Psychology

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E-MAIL PSYCH@UMRVMB.UMR.EDU

May 4, 1995

To: Jerry Westphal, Academic Council President

Tenure Committee Members

Archie Culp  
Darrell Ownby  
Louis Biolsi  
Jim Johnson  
Shamsher Prakash  
Ralph Wilkerson  
David Hentzel  
Paul Stigall

Henry Wiebe  
Jim Wise  
Kerry Grant  
Len Koederitz  
Jack Ridley  
Roger Brown  
Troy Hicks  
Clark Barker

Don Askeland  
David Summers  
D. Ray Edwards  
Jim Bogan  
Ibrihim Adawi  
Charles Finley

Prof. Vince Roach, Chair of the Subcommittee on Alternatives to Tenure

Prof. Lance Haynes, Chair, Personnel Committee

From: Robert L. Montgomery, Acting Chair, Tenure Committee

Re: Tenure Committee Meeting on Wednesday, May 3, 3:00 p.m.,  
regarding Alternatives to Tenure

The Tenure Committee met May 3, 1995 and by unanimous vote strongly endorsed the April 11, 1995 Sub-committee Progress Report submitted by Vince Roach (see attached memo). In particular, item 3, in this report quite clearly reflected the Tenure Committee's views on these matters. Consistent with item 3, the committee believes that, "the tenure procedures as contained in the UM Collected Rules and Regulations have generally worked well in the past and continue to work well," and that "the Rules and Regulations contain all that is necessary to correct what others might perceive as shortcomings of the tenure process."

Unless unforeseen events should dictate otherwise, the Tenure Committee will not meet again until next Fall.

**International Society for Hybrid Microelectronics-  
University of Missouri- Rolla Chapter  
Constitution**

**Article I- Organization**

This chapter shall be known as the University of Missouri- Rolla Student Chapter of the International Society for Hybrid Microelectronics (ISHM) and shall be an extension of the national organization and subject to its bylaws. Hereafter the University of Missouri- Rolla Student Chapter of the International Society for Hybrid Microelectronics (ISHM) shall be referred to as ISHM or the Chapter.

**Article II- Objective**

The purpose of this chapter shall be the advancement and dissemination of knowledge of the hybrid microelectronics technology.

**Article III- Membership**

1. The membership of this chapter shall include all student members in good standing of the International Society for Hybrid Microelectronics who attend the University of Missouri- Rolla either as undergraduate or graduate students.
2. To qualify for membership in this chapter, a student must simply display an interest in hybrid microelectronics technology and its related disciplines.
3. The executive council shall hear any motion requesting the resignation of any member. The member in question has the right to attend the Executive council hearing and defend himself/herself. No member shall be compelled to resign unless there is conclusive evidence that he/she has violated the constitution of the Chapter.

**Article IV- Faculty Advisory**

1. A faculty member who is a regular member, in good standing, of the national ISHM Society or who has related interests in hybrid microelectronics shall be chosen by vote of the general membership in the beginning of each semester to act as Faculty Advisor.

#### **Article V- Chapter Executive Council**

1. The governing body of this chapter shall be known as the Executive Council and shall be composed of the following officers: President, Vice President and Secretary/Treasurer.
2. Each officer shall have one vote only.
3. The Executive Council, acting for the chapter, shall have and hold all chapter property and funds, shall be responsible for the chapter budget, shall administer all chapter affairs, and shall maintain surveillance over all chapter activities.
4. If considered appropriate, an Executive Council member may invite guests to attend Executive Council meetings. Such guests, however, shall have no vote and shall participate only as requested by the council. It shall be the prerogative of the Executive Council to determine the duration of the guest visits.
5. Notice of a meeting of the executive council shall be given by the President or by the Secretary/Treasurer at the discretion of the President. At least 48 hours notice must be given. Two Council members may call a meeting by submitting a written request to the president, indicating the desired time, place and date of the meeting. The president shall then issue a notice to all Council members, thereby confirming the meeting. All Council members must be present to conduct business.

#### **Article VI- Nomination, Election, Impeachment and Tenure of Chapter Officers**

1. Nominees for chapter officers will be selected at the meeting of the general chapter membership. Elections will be held at the next following meeting of the general chapter membership.
2. Elections shall be held at the last general meeting of the chapter each semester. Election of the officer will be by simple majority vote, with one half the regular membership constituting a quorum.
3. Impeachment of an elected officer can only occur if sufficient evidence is shown that he/she has violated the constitution of ISHM. Impeachment will be voted on at a meeting of the general chapter membership. Impeachment will require a 2/3 majority vote of the general membership.
4. The term of all officers is one semester. Officers may succeed himself or herself.

5. All candidates for office must be members in good standing in the society.
6. A vacancy in the office of the President shall be filled by the Vice President, who shall serve out the remainder of the President's term. A vacancy in the office of the Vice President or Secretary/Treasurer, shall be filled by Presidential appointment, with the advice and consent of the Executive Council.

## **Article VII- Duties of Officers**

1. It is the primary duty of officers to administer the affairs of the chapter and promote the goals and objectives of ISHM during their terms in office. Chapter officers are also responsible for encouraging members to participate actively in the chapter's various activities and to promote its aims within the academic community. Constructive criticism, suggestions, and comments from the membership and technical community should also be encouraged and carefully considered. It is each officer's personal responsibility to promote harmony among the members and provide the technical and social climate to achieve the various goals of the society.

### **2. President**

- 2.1 The President is the principal officer of the chapter and, as such, shall preside over all Executive Council meetings
- 2.2 The President is an ex-officio member of all chapter committees or like groups and may attend their meetings as he/she chooses.
- 2.3 The President shall represent the chapter at all technical and social functions, as appropriate.
- 2.4 The President shall present a written and verbal semester report on the status of the chapter to the membership at the 2nd to the last general meeting of each semester. This report should include a summary of all accomplishments of the chapter during the past semester and a discussion of plans for the coming semester.

### **3. Vice President**

- 3.1 The Vice President shall assume the duties and responsibilities of the office of the President in his/her absence.
- 3.2 The Vice President shall execute all special projects as may be assigned by the President.

- 3.3 The Vice President shall serve as Program Chair for all regular chapter meetings. 3.4 The Vice President shall act as Chapter Membership Chair.

#### 4. Secretary/Treasurer

- 4.1 The Secretary/Treasurer shall take minutes of all Executive Council Meetings.
- 4.2 In concert with the President, the Secretary/Treasurer is responsible for the preparation and filing of all general correspondence of the chapter.
- 4.3 The Secretary/Treasurer shall maintain the chapter's membership list.
- 4.4 The Secretary/Treasurer shall maintain the general records and history of the chapter on file and on disk.
- 4.5 In the absence of a specifically appointed Publicity Chair, the Secretary/Treasurer shall assume these duties. The Secretary/Treasurer shall also serve as correspondent to the Society's magazine, *Advancing Microelectronics*.
- 4.6 The Secretary/Treasurer shall be responsible for all moneys held by the chapter and shall maintain all records, bank passbooks, and related documents in accordance with the accounting techniques required by the University of Missouri-Rolla and ISHM Headquarters.
- 4.7 The Secretary/Treasurer shall make a current financial report at every regular Executive Council meeting and at such other times as may be directed by the President.
- 4.8 The Secretary/Treasurer shall submit a semesterly financial report at the close of each semester and prepare a budget estimate for the new year as required by ISHM Headquarters.
- 4.9 The Secretary/Treasurer shall maintain a record of all properties owned by the chapter. This record shall include a completed item description, where obtained, price paid, and condition (if appropriate).
- 4.10 The Secretary/Treasurer shall manage all acquisitions of new equipment for the chapter and the repairs or replacement of all existing equipment, once funds for these purposes have been approved by the Executive Council.

## **Article VIII- Committees and Assistants**

The President shall establish special committees as the need arises and appoint chairs for each. Committee chairs are empowered to select members for their committees from the general membership as needed. If considered practicable, the President may also appoint assistants to help any elected officer in the performance of his/her duties. In such cases, however, responsibility for accomplishing these duties will remain with the elected officer.

The Vice President shall serve as Program Chair for all regular chapter meetings and shall act as Chapter Membership Chair.

## **Article IX- Tenure of Committees and Assistants**

All Committees members may either be appointed to serve for specific periods of time or to serve until their duties have been duly executed, as appropriate.

## **Article X- Definition of "Semester" and "Year"**

In these bylaws, the term "semester" shall be the academic semester, as defined in the University of Missouri- Rolla Catalogue, with an exception being the officers elected to serve in the fall semester shall also be the officers during the summer interim/semester. The term "year" shall be the academic year, as defined in the University of Missouri- Rolla Catalogue.

## **Article XI- Adoption of Constitution**

Adoption of this Constitution will require a 2/3 majority vote of the general membership.

## **Article XII- Amendments to Constitution**

1. No part of this Constitution may be proposed for amendment or otherwise changed except by formal action of the Executive Council or by petition to the President signed by at least 20 percent of the total number of chapter members in good standing. The Secretary/Treasurer shall be responsible for distributing copies of changes proposed to all members of the chapter.
2. Adoption of the proposed changes shall require the affirmative vote of at least 50 percent of the current chapter members.

3. Any amendments must be approved by Academic council or their appointed representative.

#### **Article XIII- Meetings and Parliamentary Procedure**

1. Meetings shall consist of chapter business and technical presentations related to hybrid microelectronics.
2. The rules contained in Robert's Rules of Order shall govern the conduct of chapter meetings unless they are in conflict with the chapter Constitution or the policies set by the University of Missouri- Rolla.

#### **Article XIV - Dissolution**

In the event of dissolution of the chapter the following procedure apply:

1. All debts shall be satisfied from the chapter's treasury. Thereafter, all University provided funds and Equipment will be transferred back to the University. Any remaining chapter funds and assets shall be transferred to ISHM headquarters.
2. A formal letter of dissolution and accounting of funds and assets will be published by the president and signed by all members of the Executive Council
3. Copies of the letter of dissolution will be distributed to all chapter members, as well as to the University, the appropriate ISHM Regional Director, and ISHM Headquarters.
4. A letter of intent to dissolve the chapter, signed by all members of the Executive Council, must be submitted by the Chapter President to ISHM Headquarters at least 30 days before dissolution action can be taken.



UNIVERSITY OF MISSOURI-ROLLA  
*Missouri's Technological University*

Speech and Media Studies  
The Oral Communication Center  
Teaching Development Program

W. Lance Haynes  
Faculty Coordinator

G-7A Humanities/Social Sciences  
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lance@umr.edu

May 18, 1995

TO: Jerry Westphal, President  
Academic Council

FROM: Lance Haynes, Chair  
Campus Personnel Committee

REF: Reports on Two Referrals: Faculty Awards Program and Sexual and Racial Harassment  
Grievance Procedures

The Personnel Committee has asked that I report on subject referrals at the next meeting of the Academic Council as follows:

1. Faculty Awards Program.

During the past year, the Personnel Committee has repeatedly called for faculty input concerning the criteria and procedures for each of the major faculty awards: Outstanding Teacher, Faculty Excellence, Curators Professor, and Distinguished Teaching Professor. In the course of the year, the committee found no specific area where its intervention to propose changes in the criteria and procedures for these awards is called for. However, the committee did discover widespread misunderstanding and misinformation among the faculty regarding each award.

Recognizing that the effectiveness of any awards program rests on clear understanding of its aims, purposes, and criteria by the public from which its recipients are drawn, the Personnel Committee recommends that the Academic Council ask the Vice Chancellor for Academic Affairs to establish firm and consistent public guidelines concerning the criteria and procedures related to each award, to submit these guidelines no later than 30 September, 1995, for approval to the Academic Council, and to publish the approved guidelines as a policy memorandum. It is also recommended that procedures be provided for periodic review of these criteria and procedures by appropriate and representative groups of faculty.

2. Sexual and Racial Harassment Grievance Procedures.

The Personnel Committee has reviewed the Campus Harassment Procedures as charged. Pursuant to this review, the committee visited with four students, one faculty member, and the current and immediate past Assistants to the Chancellor for AA/EOE.

During this review, the Personnel Committee found that, in harassment charges concerning students, the AA/EOE office has not followed the Campus Harassment Procedures for at least a year, instead routinely involving Student Affairs personnel in the informal grievance process, often referring students with complaints directly and with no follow-up or further involvement from the AA/EOE office. For some months prior to that time, it also appears that cases



involving students harassing students were routinely turned over to Student Affairs for handling. The Personnel Committee also discovered that, as a result of these procedures, there is a notable level of confusion among students toward, a lack of general awareness of, and a corresponding lack of confidence in the University's capacity to respond meaningfully to allegations of sexual and racial harassment.

The Personnel Committee believes that allegations of sexual or racial harassment within the university community must be dealt with outside the direct aura of administrative involvement; in particular, the committee believes it altogether inappropriate for Student Affairs personnel, especially those involved in the administration of student discipline, to participate in the hearing and investigation of harassment allegations.

The Personnel Committee believes that the AA/EOE officer must have the confidence of the campus if he or she is to be effective. To achieve this confidence, and in addition to acting with utmost integrity at all times, the AA/EOE Officer must follow specified procedures conspicuously and thoroughly, and must avoid the appearance and the reality of being subordinate to any and all campus or University officials other than the Chancellor at all times. S/he must clearly operate as an independent authority.

The Personnel Committee also found that the Equality Aide system, which is an integral part of the harassment grievance procedures, is in need of revitalization. Of the four students who visited the committee with concerns, only one was even aware that the Equality Aide Program existed. A review of the latest pamphlet describing the system shows some Equality Aides (listed are no longer employed by the university. Two Equality Aides who are members of the Personnel Committee mentioned they had received no training or information from the AA/EOE office for over a year. The Equality Aide system is not currently mentioned in the Student Handbook and it should be. The committee recommends that the Equality Aide system receive immediate attention from the administration in the areas of appointment, training, and publicity.

In summary, the Personnel Committee finds no evidence that the current procedures are in need of revision; however, the committee finds clear and overwhelming evidence that these procedures have been neglected and/or improperly implemented in case after case.

The Personnel Committee recommends that the Administration direct renewed attention to the proper implementation of the Procedures for Sexual and Racial Harassment, in particular to ensuring that these procedures are adhered to, as written, and that the Equality Aide System be revitalized and properly used. The Personnel Committee further recommends that the Administration review the AA/EOE office to determine if present resources are adequate for the effective implementation of harassment grievance procedures and to act accordingly.

The Committee also heard evidence that people with disabilities might encounter experiences of insensitivity, as well as procedural confusion and lack of confidence, in pursuing concerns of their own which parallel those of sexual and racial harassment. The committee believes that the AA/EOE administrator should be directed to develop and publish appropriate procedures for dealing with these concerns.

cc: Chancellor Park  
Vice Chancellor Gajda



UNIVERSITY OF MISSOURI-ROLLA  
*Missouri's Technological University*

Department of Mechanical and Aerospace  
Engineering and Engineering Mechanics

Dr. D. C. Look, Jr.  
Professor of Mechanical Engineering

203 Mechanical Engineering Building  
Rolla, MO 65401-0249  
Telephone (314) 341-4619  
FAX (314) 341-4607

Memo To: J. Westphal  
President - Academic Council

From: D. C. Look, Jr.  
Chair - Student Conduct Committee

Date: 30 May 1995

Re: UMR Student Council Resolution #9495R5

It appears that the opinion of the responding committee members is that while the idea of more student involvement in a judicial review system is probably an acceptable one, the referenced proposed resolution is not well conceived. It appears to be the result of whim rather than a well researched effort to improve the system. As was pointed out by General Counsel (K. Markie), this resolution is in direct conflict with the rules of the Board of Curators. In particular, the concepts of due process, responsibility, authority, and a timely (or expedient) confidential procedure does not appear to have received adequate consideration by the UMR Student Council. This is not to say that peer involvement is not a good idea. The rules of the Board of Curators embraces this idea in that student members must be a part of the committee.

Thus the committee respectfully requests that the Student Council needs to carefully revise the resolution in order to satisfy the issues raised by General Counsel. In particular, the idea of due process, confidentiality, and authority and responsibility (e.g. will the Board or Student Council be named in a lawsuit?) needs to be carefully studied and included in their revised disciplinary process.

Thus in conclusion, the Student Conduct Committee respects and accepts the comments of General Counsel. We believe that before a revised form of the resolution is given further consideration the legal aspects must be addressed, resolved and verified.

cc: E. Hornsey  
R. Kohser  
R. Medrow  
L. Mullin  
A. Pringle  
G. Walters  
L. Williams  
C. Consolvo



UNIVERSITY OF MISSOURI-ROLLA  
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**MEMO TO:** Academic Council  
**FROM:** Curricula Committee  
**DATE:** June 8, 1995, Meeting

**For the information of the Academic Council, the following EC1's have been submitted by the University department for an experimental course that will be offered in the near future.**

**EC1's Reviewed:**

EC1 611, Civil Engineering 401, **Advanced Behavior of Reinforced/Prestressed Concrete.** Approved for Winter 1996. 3 hours credit. Prerequisites: CE 223 ("C" or better).

EC1 612, Engineering Management 301, **Industrial System Simulation.** Approved for Fall 1995. 3 hours credit. Prerequisites: Introductory programming course.

EC1 613, Engineering Management 401, **Industrial Queuing Theory.** Approved for Fall 1995. 3 hours credit. Prerequisites: Stat 215.

EC1 614, Engineering Management 401, **Mathematical Programming.** Approved for Fall 1995. 3 hours credit. Prerequisites: EMgt 382.

EC1 619, Engineering Management 301, **Industrial Ecology.** Approved for Fall 1995. 3 hours credit. Prerequisite: Senior/Graduate standing in engineering.

EC1 620, Engineering Management 301, **Fundamentals of Manufacturing.** Approved for Fall 1995. 3 hours credit. Prerequisites: Senior or graduate standing.

**The Curricula Committee recommends to the Academic Council that the curricula changes on the following CC1's be approved**

**CC1's Reviewed:**

CC1 4006, Phil. & Liberal Arts, Education T240, **Teaching Methods & Skills in Content Area.** Approved for Fall 1995. Change in credit hours from 5 hours "TO" 6 hours. Change in prerequisites from Educ. 75, Educ. 102 "TO" Instructor Approval.

CC1 4007, Mining Engineering 221, **Mining Exploration.** Approved for Fall 1995. Change in prerequisites from Geo 113, 220, Min 110 "TO" Geo 220, Min 110, and as Prerequisite/Co-requisite Geo 113.

CC1 4008, Civil Engineering 320, **Advanced Structural Analysis.** Approved deletion for Fall 1995.

CC1 4009, Civil Engineering 323, **Classical and Matrix Methods of Structural Analysis.** Approved for Fall 1995. Change in course title from: **Matrix Methods of Structural Analysis**

I. Change in description to: Classical displacement and force methods applied to structures of advanced design. Displacement matrix methods and computer techniques applied to continuous beams, frames and trusses, plane grid and three-dimensional frames.

CC1 4010, Civil Engineering 420, **Advanced Structural Mechanics**. Approved for Fall 1995. Change in prerequisites from CE 320 "TO" Preceded or accompanied by CE 323.

CC1 4011, Civil Engineering 422, **Analysis and Design of Plates and Shells**. Approved for Fall 1995. Change in prerequisites from Preceded or accompanied by CE 320 "TO" Preceded or accompanied by CE 323.

CC1 4012, Civil Engineering 426, **Advanced Design in Steel and Lightweight Structures**. Approved for Fall 1995. Change in prerequisites from Preceded or accompanied by CE 320 "TO" Preceded or accompanied by CE 323.

CC1 4013, Civil Engineering 427, **Optimum Structural Design**. Approved for Fall 1995. Change in prerequisites from CE 221, 223, 320 "TO" Preceded or accompanied by CE 323.

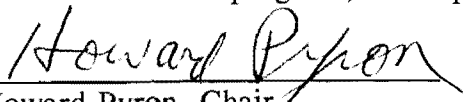
CC1 4014, Civil Engineering 428, **Matrix Methods of Structural Analysis II**. Approved for Fall 1995. Change in prerequisites from CE 320 "TO" Preceded or accompanied by CE 323.

CC1 4015, Basic Engineering 390, **Undergraduate Research**. Approved new course for Fall 1995. 0-6 hours variable credit. Prerequisite: None. Description reads: Designed for the undergraduate student who wishes to engage in research. Not for graduate credit. Not more than six (6) credit hours allowed for graduation credit. Subject and credit to be arranged with the instructors.

CC1 4018, Geological Engineering 335, **Environmental Geological Engineering**. Approved for Fall 1995. Change in prerequisites from GeE 50 "TO" GeE 275, pre-or co-requisite of CE 215. Description changed to: Introduction to engineering geologic mapping for site selection for solid waste disposal facilities; landfill site selection, design, permitting, construction, operation, and closeout/reclamation.

CC1 4019, Geological Engineering 372, **Soil Science in Engineering Practice**. Approved for Winter 1996. Change in course title from **Land Use and Reclamation Practice**. Change in prerequisites from none "TO" GeE 275. Change in description to: A study of the ways in which soils and geologic conditions influence engineered projects. Soil formation, soil chemistry and properties to include composition, organic component, ion exchange and water relationships as well as erosion control and revegetation will be covered.

CC1 4020, Computer Science 074, **Introduction to Programming Methodology**. Approved for Fall 1995. Change in description to: Basic structures programming techniques, debugging and verification of program, data representation and computer solution of problems using C++.

  
Howard Pyron, Chair

## **UMR Chess Team Constitution**

University of Missouri Rolla

1995.6.22

### **Article I: Name**

The name of the organization is "The UMR Chess Team" which is hereafter referred to as the "Team" or the "Chess Team".

### **Article II: Purpose**

The UMR Chess Team has as its purpose the promotion of chess on campus. The team's primary goals are individual growth of its members and to represent UMR in Chess competitions.

### **Article III: Membership**

Membership is open to students, faculty and staff. Membership procedures not defined in the Constitution are addressed in the bylaws.

### **Article IV: Officers and Advisors**

Section 1. The officers of the team consist of a President, Vice-President, Secretary, and Treasurer.

Section 2. Nominations for officers take place during the second-to-last regular meeting of the academic year. Anyone may make nominations.

Section 3. Candidates for each office shall be elected by a vote of members not running for that particular office at the last regular meeting of the academic year. The terms of each office begin with the last regular meeting of the academic year and end at the last regular meeting of the following academic year. Election procedures not defined in the Constitution are addressed in the bylaws.

Section 4a. The President's duties include establishing a calendar of meetings, representing the team in external affairs, chairing meetings, and approving bills before they are paid by the treasurer.

Section 4b. The Vice-President's duties are assisting the President and chairing meetings when the President is absent.

Section 4c. The Secretary's duties are to keep minutes at meetings and to keep membership and attendance records.

Section 4d. The Treasurer's duties include paying all bills upon approval by the President and collecting dues.

Section 5. The team will elect a faculty advisor at the first regular meeting of the academic year. The advisor is elected for a one year term.

Section 6. Any officer may be impeached. Impeachment must be discussed for the first time at a regular meeting. Impeachment can not be voted on during the first meeting at which it is discussed. Impeachment can only be voted on during a regular meeting. Two-thirds of a quorum must vote in favor in order to approve an impeachment.

## **Article V: Meetings**

Section 1. The team will hold meetings as prescribed by the calendar of meetings.

Section 2. A special meeting may be called by the President or by at least 20% of the team's membership. All members must be informed of the time and location of a special meeting at least three days in advance.

Section 3. A quorum consists of one half of the voting membership. The Parliamentary Authority is Robert's Rules of Order, Newly Revised.

## **Article VI: Constitutional Amendments**

Section 1. An amendment may be proposed by any member.

Section 2. A proposed amendment must be typewritten into a copy of the current Constitution with all deletions in brackets and all additions in italics.

Section 3. Amendments must be discussed for the first time at a regular meeting. An amendment can not be voted on during the first meeting at which it is discussed. An amendment can only be voted on at a regular meeting.

Section 4. Approval of an amendment requires two-thirds of the team's membership to vote in favor. Adoption of an approved amendment is effective immediately following review by Academic Council or its appointed representative.

## **Article VII: Bylaws**

Section 1. The team will maintain bylaws as necessary to fulfill its goals and responsibilities.

Section 2. Bylaw changes may be submitted by any member.

Section 3. A proposed bylaw change must be typewritten into a copy of the current bylaws with all deletions in brackets and all additions in italics.

Section 4. A bylaw change must be discussed for the first time at a regular meeting. A bylaw change can not be voted on during the first meeting at which it is discussed. A bylaw change can only be voted on at a regular meeting.

Section 5. Two-thirds of a quorum must vote in favor of a bylaw change for it to be approved. Approved bylaw changes are effective immediately.

## Article VIII: Definitions

Student: Anyone currently enrolled in classes for credit at UMR.

Academic year: A period of time beginning with the first day of class of a fall semester and ending with the last day of finals week the following winter semester.

Regular meeting: Any meeting established on the calendar. The calendar will begin with the first meeting of the academic year and ends with the last meeting of the academic year. The newly elected President announces the time and location of the first meeting of the next year upon election, then brings the calendar to that meeting.

Member: Anyone on the Chess Team.





UNIVERSITY OF MISSOURI-ROLLA

Academic Council

202 Norwood Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4972

To: UMR FACULTY

Academic Council Meeting  
Thursday, June 22, 1995; 1:30 P.M.; G-5 H/SS

I. Approval of minutes of the April 20, 1995 Meeting

II. Reports and Responses

A. President's Report (To include IFC) (5 minutes) Jerry Westphal

B. Chancellor's Report (10 minutes) John Park  
(10 minutes for Questions and Answers)

III. Reports of Standing and Special Committees

A. Committee for Effective Teaching (5 minutes) Lance Williams

B. Curricula (5 minutes) Howard Pyron  
1.\*Report No. 8

C. Personnel (5 minutes) Lance Haynes  
1. Dean and Chair Search Procedure  
2. Tenure and Promotion Procedures  
3.\*Faculty Awards  
4.\*Harassment Procedure

D. Student Affairs (5 minutes) Matt Benz  
1.\*Presentation of 3 Constitutions:  
a.El club de espanol  
b.International Society for Hybrid Microelectronics  
c.UMR Chess Team

E. Student Conduct (No oral report)  
1.\*Written report from committee

F. Tenure Committee (Ad Hoc) (No oral report)  
1.\*Written report from committee

IV. Old Business

V. New Business and Announcements

1. Referrals  
a.Question of authority for Parking, Security, and Traffic to RP&A

\*Information distributed with agenda to Academic Council members and department



UNIVERSITY OF MISSOURI-ROLLA

Academic Council

202 Norwood Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4972

VOL. XXIV. NO. 7  
Minutes of Academic Council Meeting  
June 22, 1995

XXIV,7. The meeting was called to order at 1:30 P.M. by President Jerry Westphal. One substitution was noted-Bayless for Mitchell.

.1 It was moved and seconded that the minutes of the April 20, 1995 meeting be approved as distributed. Motion carried.

.2 REPORTS AND RESPONSES

A. PRESIDENT'S REPORT

1. Professor Westphal stated that he did not attend the IFC meeting.
2. President Westphal presented a brief report from the last Board of Curator's meeting. He addressed the concerns about the use of Faculty Activity Surveys, stating that all four campuses had very similar results.

B. CHANCELLOR'S REPORT

1. Dr. Park also commented briefly on the Faculty Activity Surveys.
2. The Chancellor then discussed his presentation to the Board of Curators on Program Review. He elaborated on the "arch" concept and how all areas are needed. He stated that one of the Curators pointed out UMR's application for the Baldrige Award, and the positive factors appearing on Campus.
3. Q and A-There were a few questions from the floor concerning Program Review and the Missouri Quality Award. The Chancellor briefly addressed these concerns.

.3 REPORTS OF STANDING AND SPECIAL COMMITTEES

A. COMMITTEE FOR EFFECTIVE TEACHING-This report was presented by Professor Lance Williams, who discussed Student Evaluation of Faculty. Professor Williams said that the committee perceived considerable problems with the existing paperwork system. He said there also was some mishandling during compiling and disseminating of

the results, and that the students were asking for a change. He stated that the committee is looking at one or two possible changes-one being the use of electronic evaluations.

B. CURRICULA-Professor Howard Pyron presented this report. He referred to the EC1's listed on previously distributed material, and then asked for approval of the CC1's listed. There was a motion and a second, and motion carried.

C. PERSONNEL-This report was presented by Professor Lance Haynes, who referred to previously distributed material. The first item presented was Faculty Awards Procedures, with a recommendation from the committee that the Academic Council request that the Vice Chancellor for Academic Affairs establish firm and consistent guidelines, and submit them to the Academic Council by the October, 1995 meeting. Motion was made to this effect, seconded, and carried. Professor Haynes then presented the information on Sexual and Racial Harassment Grievance Procedures. There were some questions raised from the floor as to the duties of the Affirmative Action Officer, as alluded to in the Committee's report. President Westphal asked Professor Ken Robertson to put these concerns in a letter to the Personnel Committee. Chancellor Park stated that, after reading the Committee's report, he had asked the Affirmative Action Officer to review the concerns.

D. STUDENT AFFAIRS-Matt Benz presented three consti-tutions for approval(El club de espanol, Chess Team, and International Society for Hybrid Microelectronics), and gave a brief summary of each. There was a motion and second to approve all three. Motion carried.

.4 There was no old business presented.

.5 New Business

A. One referral was made by President Westphal as was listed on the agenda.

B. Professor Haynes made a few comments on the CET report. He made a motion that RP&A resolve issues relating to Teaching Evaluations. There was a second to the motion, followed by a brief discussion. Motion carried, and President Westphal requested that Professor Haynes write this referral for RP&A.

C. Professor Westphal announced the date for the next Academic Council meeting-September 21.

There was a motion and a second to adjourn. Motion passed by voice vote.

Respectfully submitted,

  
Jeffrey Cawlfeld  
Secretary

\*Minutes of the Academic Council are considered official notification and documentation of actions approved.

====>

the following (in quotes) was sent to the deans.

gajda

Fri, Jul 14, 1995 11:03 AM

{ Subject: promotion/tenure process  
{ To: John Fulton; Lee Saperstein; Robert Mitchell

{  
{ As you know, executive order 6, issued by President Russell, states that the  
{ recommendations of each committee and administrator (dean and chair) be  
{ communicated to each candidate to allow for rebuttal. I have suggested changes  
{ in wording which would limit the executive order obligations to the dean and  
{ chair only, thereby reducing the amount of appeal time that has to be built  
{ into the process. However, the present order stands as of this date and  
{ prudence compels me to suggest a time table for the 1995-96 academic year which  
{ would allow rebuttal and reconsideration at each level. Please let me know your  
{ comfort level with the following timetable.

July 20 - memo initiating process from my office to the deans

Oct. 2 - departmental committee recommendations to candidate

PF1=Help PF2=Next PF3=Quit PF4 =Print PF5 =Reply PF6 =Forward  
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**To reach as much harmony as possible between the campus promotion/tenure**  
as and the President's executive order, I propose that rebuttal  
materials accompany the dossier but not be considered a formal part of the  
dossier. If this is not the case, the President's executive order, when  
combined with the campus procedure requiring that any dossier to which  
significant material be added be returned to the departmental committee and be  
reevaluated by each committee and administrator, would lead to multiple loops  
and potentially long delays in reaching final decisions.

The Chancellor and I would appreciate any suggestions on this matter.

Jalt Gajda

\* \* \* End of File \* \* \*

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PF7=ScrollUp   PF8=ScrollDown   PF9=Discard   PF10=Switch   PF11=Log      PF12=Cursor

>>> MAIL 98.01.01 <<< From: gajda at ee.umr.edu

Line 39 of 70

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Oct. 2 - departmental committee recommendations to candidate

Oct. 2 - Oct. 13, rebuttal and reconsideration

Oct 3 - dossiers to department chair

Oct 27 - chair recommendations to candidates

Oct 27 - Nov 10, rebuttal and reconsideration

Nov 10 - dossiers to dean

Dec 4 - dean recommendations to candidate

Dec 4 - Jan. 2, rebuttal and reconsideration

Jan 2 - dossiers to campus committee

Feb 15 - campus committee recommendations to candidate

Feb 15 - March 8, rebuttal and reconsideration

March 8 - dossiers to vice chancellor and chancellor."

To date, no dean has offered comment and I assume the timetables suggested are being followed.

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Line 1 of 70

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\* \* \* Top of File \* \* \*

**Return-Path:** <gajda@EE.UMN.EDU>

Received: from UMRUMB (NJE origin SMTPD@UMRUMB) by UMRUMB.UMN.EDU (LMail U1.2a/1.8a) with BSMTMP id 1938; Thu, 5 Oct 1995 15:50:17 -0500

Received: from umn.edu by UMRUMB.UMN.EDU (IBM VM SMTP U2R2) with TCP; Thu, 05 Oct 95 15:50:15 CDT

Received: from ee.umn.edu (ee.umn.edu [131.151.4.20]) via SMTP by hermes.cc.umn.edu (8.6.12/E.3.12) id PAA15622; Thu, 5 Oct 1995 15:48:28 -0500

Received: from macmailgw.ee.umn.edu by ee.umn.edu (5.x/SMI-SUR4-kaw-30-jun-94) id AA01267; Thu, 5 Oct 1995 15:48:25 -0500

Message-Id: <9510052048.AA01267@ee.umn.edu>

Date: 5 Oct 1995 15:04:29 U

From: "gajda" <gajda@ee.umn.edu>

Subject: promotion/tenure process

To: "Gregory Gelles" <GELLES@UMRUMB.UMN.EDU>

Greg,

the following (in quotes) was sent to the deans.

PF1=Help    PF2=Next        PF3=Quit    PF4 =Print   PF5 =Reply    PF6 =Forward  
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UNIVERSITY OF MISSOURI-ROLLA  
*Missouri's Technological University*

Office of the Chancellor

206 Parker Hall  
Rolla, MO 65401-0249  
Telephone (314) 341-4114  
FAX (314) 341-6306

July 21, 1995

NUMBER I-90

## **POLICY MEMORANDUM**

### **CAMPUS ALCOHOLIC BEVERAGE PROGRAM**

The University of Missouri-Rolla lends full support to all state, Federal and local laws and ordinances regulating the sale, possession, and consumption of alcoholic beverages.

"The use, or possession of any alcoholic beverage is prohibited on all University property, except in the President's residence and the Chancellors' residences; and the sale, use or possession may, by appropriate University approval be allowed in approved University Alumni Centers or Faculty Clubs or other designated facilities and for single events and reoccurring similar events in designated conference, meeting, or dining facilities provided by University food services, subject to all legal requirements."

The President shall be the University's Managing Officer designated by the Board of Curators as the person responsible on behalf of the University for compliance with state law. The Chancellor for each campus shall be delegated the authority for acting upon the requests to use alcoholic beverages on University property. All requests for use of alcoholic beverages on University property should be submitted to the Chancellor or his/her designee at least two weeks prior to the date of the intended use. Each written request should include the date, time and location of the activity, the name of the group making the request and the general makeup of the activity, the nature of the activity, the general makeup of the group to attend and the name of the person responsible for the activity.

The Chancellor will designate a person who will be responsible on behalf of the campus for compliance with state law. Each premise serving alcoholic beverages will need to be licensed, except for at the Chancellor's residence. Any additional campus regulations shall be submitted to the President for approval prior to implementation by the campus.

The possession, use and/or consumption of alcoholic beverages by University recognized clubs and organizations and at campus events, must conform with policies established by the Board of Curators, the University of Missouri-Rolla, and local ordinances and state law. This includes, but is not limited to, clubs, organizations and campus events, professional societies, academic honoraries, athletic teams, service, departmental, and social organizations, and booster club and alumni events. Alcohol shall not be a part of new membership recruitment programs.

Campus Alcoholic Beverage Program  
Page Two

Consumption and purchase of alcoholic beverages by minors (people under the age of 21) and selling or giving alcoholic beverages to minors is prohibited.

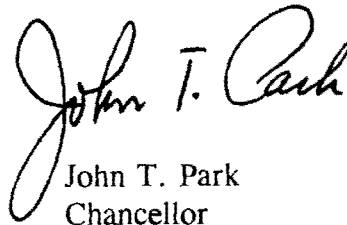
Attendance at a risk management seminar will be required of representatives of recognized student organizations that have events involving alcoholic beverages. The seminar will be provided annually/biannually by the University. Faculty advisors will be encouraged to attend. Recognized student organizations and their advisors must sign a form stating they have met this requirement or are exempt from it and return it to the Office of Student Activities at the beginning of each fall semester.

Beverage alcohol may not be provided as free awards to individuals or campus groups.

EFFECTIVE DATE: Immediately.

RESPONSIBILITY: Campus Chancellor; Vice Chancellor for Student Affairs; Vice Chancellor for University Advancement; Manager, UMR Food Services

BASIS: State of Missouri Liquor Control Law, Chapter 311, RSMo 1959; University of Missouri Collected Rules and Regulations, Section 110.050; University of Missouri-Rolla Alcohol Policy, Student Handbook 1994-95.



John T. Park  
Chancellor