



01 Jan 1975

Faculty Senate Minutes 1974 - 1975

Missouri University of Science and Technology Faculty Senate

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ACADEMIC COUNCIL MEETINGS

(1:30 p.m. in G-5, H&SS Building)

August 22, 1974	January 16, 1975
September 12, 1974	February 6, 1975
October 10, 1974	March 6, 1975
November 7, 1974	April 10, 1975
December 5, 1974	May 1, 1975

-AGENDA DEADLINES-

August 12, 1974	January 6, 1975
September 2, 1974	January 27, 1975
September 30, 1974	February 24, 1975
October 28, 1974	March 31, 1975
November 25, 1974	April 21, 1975

GENERAL FACULTY MEETINGS

(4:00 p.m. in 104, M.E. Building)

August 27, 1974
December 10, 1974
April 29, 1975

-AGENDA DEADLINES-

August 19, 1974
December 2, 1974
April 21, 1975

R,P,&A MEETINGS

(1:30 p.m. in 210 M.E. Building)

August 13, 20, & 29, 1974	January 7, 23, & 28, 1975
September 3, & 26, 1974	February 20, & 25, 1975
October 1, 24, & 29, 1974	March 27, 1975
November 21, & 26, 1974	April 1, 17, & 22, 1975
December 3, 1974	

University of Missouri - Rolla



OFFICE OF THE DIRECTOR OF ADMISSIONS
AND REGISTRAR

August 26, 1974

103 Parker Hall
Rolla, Mo. 65401

Telephone
314-341-3161

Memorandum To: UMR General Faculty

Each fall the Secretary of the General Faculty is required by the By Laws to provide to each faculty member a listing of the officers of the General Faculty and the officers and members of the Academic Council, as well as all standing committees established by the By Laws.

Listed below are the officers of the General Faculty for the 1974-75 Academic Year:

Chancellor Raymond Bisplinghoff - Chairman
B. Ken Robertson - Vice-Chairman
Lauren A. Peterson - Secretary
Albert E. Bolon - Parliamentarian

Listed below are the officers of the Academic Council for the 1974-75 Academic Year:

B. Ken Robertson - Chairman
James W. Johnson - Vice-Chairman
Lon Pearson - Secretary
Albert E. Bolon - Parliamentarian

Attached are the rosters of the UMR Standing Committees, UMR Administrative Committees, and the UMR Special Committees for the 1974-75 Academic Year.

Respectfully submitted,

A handwritten signature in cursive script that reads "Lauren A. Peterson".

Lauren A. Peterson
Secretary to the General Faculty

dw

attachments

DR. WILLIAM ANDREWS		206 CIVIL ENGR.
DR. DONALD R. ASKELAND		211 FULTON
DR. THOMAS B. BAIRD		311 MATH-COMP SCI
MR. HENRY BEREK		PHYSICS
DR. JOHN BEST		206A CIVIL ENGR.
DR. LOUIS BIOLSI, JR.		T-3
DR. RAYMOND BISPLINGHOFF		210 PARKER HALL
DR. ALBERT E. BOLON		T-4
MICHAEL BOOTHBY		201 OLD STUD. UNION
DR. BEVERLEY CLARK		205 PARKER HALL
JAMES W. CLINTON	AEROSPACE STUDIES	114 LAND SURVEY
ROBERT E. CROWLEY	MILITARY SCI. - ARMY	202 LAND SURVEY
DONALD L. CRONIN	MECHANICAL ENGINEERING	230 MECH. ENGR.
DEAN ADRIAN H. CAANE	COL. OF ARTS & SCI.	212 PARKER HALL
DR. JOHN DARR		121 HUM-SOC. BLDG.
DR. NORMAN C. DILLMAN		112 ELEC. ENGR.
DR. RUSSELL ENZIE	SOC. SCI. DEPT.	115 HUM-SOC SCI BLDG
J. EARL FOSTER	ENGINEERING MECHANICS	205 OLD MET
DR. HAROLD Q. FULLER		110 PHYSICS
DR. CHRISTOPHER E. GARBAGZ		109 HUM-SOC. SCI.
DR. ROBERT GERSON		125A PHYSICS BUILDING
DIANE GIBBS		201 OLD STUD. UNION
DR. SOTIRIOS GRIGORPOULOS		205 CIVIL ENGR.
DR. A. GLEN HADDOCK		325 MATH-COMP SCI.
GEORGE HAGNER		PHYSICS BLDG.
DR. A. HERBERT HARVEY		110 MINING ENGR.
DR. CHARLES A. JOHNSON		316 MATH-COMP SCI.
DR. DALLAS C. JOHNSON		323 MATH-COMP SCI.
DEAN J. STUART JOHNSON	SCHOOL OF ENGINEERING	101 ENGR. RESEARCH
DR. JAMES W. JOHNSON		105D CHEM ENGR.
DR. RALPH LEE	DIR. COMP. SCI. CENTER	113 A MATH-COMP. SC.
ROBERT B. LEWIS	DIR OF ADMIS & REGIS.	103 PARKER HALL
DEAN G. EDWIN LOREY	EXTENSION & CONT. ED.	103 T-5
DR. JAMES C. MAXWELL		302B NORWOOD
DR. GEORGE MCPHERSON		G13 ELEC. ENGR.
ROBERT A. MEDROW	MECHANICAL ENGINEERING	223 MECH. ENGR.
TERRY MICNHIMER		201 OLD STUD. UNION
THOMAS MIESNER		201 OLD STUD. UNION
DAVID B. OGLESBY	ENGINEERING MECHANICS	201 OLD MET
DR DONALD OSTER		124 HUM/SOC SCI
DR. MICHAEL D. PATRICK		214 HUM-SOC. SCI.
DR. GARY PATTERSON		M-4 CHEM. ENGR.
DR. LON PEARSON		210 HUM-SOC. SCI.
DEAN THEODORE J. PLANJE	SCH. OF MINES & MET.	301 MATERIALS RES.
DR. JIM C. POGUE		225 HUM-SOC SCI.
EARL J. RANDOLPH	LIBRARIAN	LIBRARY
DR. B. KEN ROBERTSON		G-5 CHEM ENGR.
DR DAVID RUHLAND		
RALPH E. SCHOKWALTER	MECHANICAL ENGINEERING	203 MECH. ENGR.
DR. CAROL ANN SMITH		234 HUM-SOC BLDG
DR. WILLIAM R. SNOW		123 PHYSICS
DR. CHARLES A. SORRELL		107 FULTON
DR. DAVID A. SUMMERS		101A RUEHLER
GEORGE L. SWANUTT	MECHANICAL ENGINEERING	203A MINING ENGR.
DEAN DUDLEY THOMPSON	DEAN OF FACULTIES	102 PARKER HALL
DR. JAMES H. TRACEY		109 ELEC. ENGR.
DR. ROBERT C. WATERS		201A HARRIS
DR. HENRY A. WIEBE		205A HARRIS

*Members List
March 1975.*

*Joseph Willard
Mr. Roger Zimmer*

*207 Parker Hall
110 Elec Eng*

additions on leaf

Replacements to Academic Council. 1974/75.

Marilyn Poque for Lon Pearson

Lyle Pursell for Dallas Johnson

Don Oster for Harry Eisenman

Cent Adams for Christopher Barbacy

Dave Rutland for R. Montgomery

Gabe Skitch for Norman Dellen

Jim Poque for Dudley Thompson

D'Arcy Hall } for { Michael Beutley

Paul Williams } for { Tom Messner

1974-75 ACADEMIC COUNCIL MEMBERS

day voting

COLLEGE OF ARTS & SCIENCES

Chemistry

- Louis Biolsi, Jr. *fat* (4460)
- B. Ken Robertson (4420)

Computer Science

- Thomas B. Baird (4495)

Geology & Geophysics

- James C. Maxwell (4616)

Humanities

- Michael D. Patrick (4625)
- ~~Lon Pearson~~ *Marie Pogae* (4623)
- Carol Ann Smith (4623)

Mathematics

- A. Glen Haddock (4641)
- Charles A. Johnson (4652)
- Dallas E. Johnson *John Pursell* (4649)

Physics

- Harold Q Fuller (4782)
- William R. Snow *never there* (4792)
- Robert Gerson (4793)

Social Sciences

- ~~Harry J. Eisenman~~ *computer* (4813)
- Christopher Garbacz *Walt Adams* (4810)
- Robert Montgomery *bullet* (4812)

SCHOOL OF MINES & METALLURGY

Ceramic Engineering

- Charles A. Sorrell *never there* (4401)

Met & Nuclear Engineering

- Donald R. Askeland (4711) *late*
- Albert E. Bolon (4721)

Mining, Petroleum & Geol Engr

- A. Herbert Harvey (4756)
- David A. Summers (4365)

GRADUATE STUDENT REPRESENTATIVES

- Henry E. Berek *physics* (4781)
- George F. Hagner *phys*

UNDERGRADUATE STUDENT REPS

- Michael L. Boothby (4280)
- Diane C. Gibbs *long list* (4280)
- ~~Thomas O. Miesner~~ *intro. blind* (4280)
- Terry L. Michimer *Eng* (4280)

DARCY HOYT *chem*
PAUL WILLIAMS *N Eng*

SCHOOL OF ENGINEERING

Chemical Engineering

- James W. Johnson (4348)
- Gary K. Patterson (4424)

Civil Engineering

- William Andrews (4465)
- John Best (4466)
- Sotirios Grigoropoulos (4464)

Electrical Engineering

- Norman G. Dillman *Gabe SKI TEC never there* (4515)
- George McPherson (4510)
- James H. Tracey (4513)
- Rodger E. Ziemer *never there* (4514)

Engineering Management

- Robert C. Waters *never there* (4562)
- Henry A. Wiebe (4561) *late*

Engineering Mechanics

- J. Earl Foster (4581) *late*
- David B. Oglesby (4581)

Mechanical & Aerospace Engr

- Donald L. Cronin *looks like European called there* (4669)
- Robert A. Medrow (4666)
- Ralph E. Schowalter (4661)
- George L. Swancutt *never there* (4606)

UNAFFILIATED DEPARTMENTS

Physical Education

- Dewey J. Allgood *never there* (4178)

Military Science - Army

- Robert E. Crowley (4741)

Aerospace - Air Force

- James W. Clinton (4749)

EX-OFFICIO MEMBERS--VOTING

- Chancellor Raymond Bisplinghoff (4114)
- Acting Dean Beverley Clark (4142)
- Dean Adrian H. Daane (4127)
- Dean J. Stuart Johnson (4151)
- Dean G. Edwin Lorey (4134)
- Dean Theodore Planje (4153)
- Dean Dudley Thompson *JIM POGUE* (4138)

EX-OFFICIO MEMBERS--NON VOTING

- Business Officer: Joseph Wollard (4121)
- Librarian: Earl J. Randolph *never there* (4226)
- Registrar: Robert B. Lewis (4164)
- Dir. Computer Center: Ralph Lee (4841) *never there*

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UMR STANDING COMMITTEES 1974-75

Faculty Standing Committees

4.511 ACADEMIC FREEDOM *Report 22 Jan*

CLARK, J. Beverley	Met Engr	Gen Fac	1975
DAY, Delbert E.	Cer Engr	Gen Fac	1975
DEKOCK, Arlan R.	Comp Science	Gen Fac	1975
LAW, David A.	Soc Science	Gen Fac	1975
GERSON, Robert (Chairman)	Physics	A & S	1976
RHEA, Lyle G.	Mech Engr	Engr	1976
SPOKES, Ernest M.	Min Engr	M & M	1976

4.512 ADMISSIONS & ACADEMIC STANDARDS

BAIRD, Thomas B. (Chair.)	Comp Science	AC Fac	1975
OGLESBY, David B.	Engr Mech	AC Fac	1975
PATTERSON, Gary K.	Chem Engr	AC Fac	1975
DILLMAN, Norman G.	Elec Engr	Engr	1976
MORRIS, Arthur E.	Met Engr	M & M	1976
SMITH, Carol A.	Humanities	A & S	1976
LEWIS, Robert B. (Sec)	Registrar	Admin.	--

4.513 PUBLIC OCCASIONS

GRICE, Harvey H. (V.Chair)	Chem Engr	Gen Fac	1975
JENKS, Catherine (Sec)	Social Science	Gen Fac	1975
OAKLEY, David L.	Humanities	Gen Fac	1975
FLANIGAN, Virgil J.	Mech Engr	Gen Fac	1976
LEWIS, Gordon	Cer Engr	Gen Fac	1976
SKITEK, Gabriel (Chair)	Elec Engr	Gen Fac	1976
MACKAMAN, Frank H.	Alumni Office	Admin	--
EWENS, Joy M.		Stu Council	1975
GRIESE, James C.		Stu Council	1975
MARTIN, James H.		Stu Council	1975
		Grad Student	1975

4.514 BUDGETARY AFFAIRS *Reported*

GRIGOROPOULOS, S. G. (Chair)	Civil Engr	AC Fac	1975
HARVEY, A. Herbert	Petr Engr	AC Fac	1975
BERTNOLLI, Edward C.	Elec Engr	Grad Fac	1975
ZAKIN, Jacques L.	Chem Engr	Grad Fac	1975
DAY, Delbert E.	Cer Engr	M & M	1976
EDWARDS, D. Ray (Sec)	Nuc Engr	M & M	1976
HADDOCK, A. Glen	Math	A & S	1976
HILL, Otto H.	Physics	A & S	1976
HOWELL, Ronald H.	Mech Engr	Engr	1976
TRACEY, James H.	Elec Engr	Engr	1976
WOLLARD, Joseph D.	Business Office	Admin	--

4.515 COMPUTER

ALEXANDER, Ralph W. Jr.	Physics		1975
SPOONER, James E.	Civil Engr		1975
WALTERS, Frank G. (Sec)	Comp Science		1975
WILSON, Tommie C.	Petr Engr		1975
KATZ, David	Social Science		1976
KEITH, H. Dean	Engr Mech		1976
SWIFT, Fredrick W.	Engr Mgt		1976
WAGGONER, Raymond C.	Chem Engr		1976
BEISTEL, Donald W.	Chemistry		1977
EDWARDS, D. Ray	Nuc Engr		1977
FLANIGAN, Virgil J.	Mech Engr		1977
MILLER, Richard W.	Humanities		1977
PLUMMER, Bill (Chair)	Math		1977
RECHTIEN, Richard D.	Geology		1977
TRACEY, James H. (V.Chair)	Elec Engr		1977
LEE, Ralph E.	Dir. Comp Center		--
WOLLARD, Joseph D.	Business Office		--
ZIEGLER, Stephen J.	Stu Council		1975
KRASNER, Herbert C.	Grad Student		1975

4.516 CURRICULA ✓ *13 May. missing report*

FULLER, Harold (V-Chair)	Physics	AC Fac	1975
CULP, Archie W. (Sec)	Mech Engr	Engr	1976
GILLET, Billy E.	Comp Science	A & S	1976
WARNER, Don L.	Geol Engr	M & M	1976
THOMPSON, Dudley (Chair)	Dean Faculties	Admin	--

4.517 FACILITIES PLANNING

HADDOCK, A. Glen	Math	AC Fac	1975
MONTGOMERY, Robert L.	Soc Science	AC Fac	1975
SNOW, William R.	Physics	AC Fac	1975
AUGHENBAUGH, Nolan B.	Geol Engr	M & M	1976
BEVERIDGE, Thomas R.	Geology	A & S	1976
HANSEN, Peter G.	Engr Mech	Engr	1976
CLARK, J. Beverley	Act. Grad Dean	Admin	--
BREEZ EEL, Phillip G.		Stu Council	1975
MAHN, Michael A.		Stu Council	1975
HAGNER, George F.		Grad Student	1975

4.518 LIBRARY ✓ 135⁰⁰

CHRISTENSEN, Lawrence (Sec)	Soc Science	A & S	1975
SPOONER, James E.	Civil Engr	Engr	1975
WUTTIG, Manfred R.	Met Engr	M & M	1975
BARR, David J.	Geol Engr	M & M	1976
PATRICK, Michael (Chair)	Humanities	A & S	1976
KOVAL, Leslie R.	Mech Engr	Engr	1976
RANDOLPH, Earl J.	Library	Admin	--
PEARSON, John S.		Stu Council	1975
GARRETT, Dee Ann		Grad Student	1975

4.519 PERSONNEL

BEST, John L.	Civil Engr	AC Fac	1975
JOHNSON, Charles (Chair)	Math	AC Fac	1975
HANSEN, Peter G.	Engr Mech	Grad Faculty	1975
CARSON, Ralph S.	Elec Engr	Engr	1976
COGELL, Wayne C.	Soc Science	A & S	1976
ROCKAWAY, John D.	Geol Engr	M & M	1976
THOMPSON, Dudley	Dean Faculties	Admin	--

4.520 PUBLICATIONS

EDWARDS, D. Ray	Nuc Engr	Gen Fac	1975
HEGLER, Burns E.	Engr Mgt	Gen Fac	1975
OAKES, Robert A.	Humanities	Gen Fac	1975
COGELL, Elizabeth A.	Humanities	Gen Fac	1976
MAYHAN, Kenneth G.	Chem Engr	Gen Fac	1976
WUTTIG, Manfred R. G.	Met Engr	Gen Fac	1976
CRESS, W. Dudley	Pub. Info Office	Admin	--

4.521 RULES, PROCEDURES & AGENDA ✓ 135²⁴

PATRICK, Michael D.	Humanities	AC Fac	1975
SCHOWALTER, Ralph (Chair)	Mech Engr	AC Fac	1975
SORRELL, Charles A.	Cer Engr	AC Fac	1975
ANDREWS, William A.	Civil Engr	Gen Fac	1976
DEKOCK, Arlan R.	Comp Science	Gen Fac	1976
ROBERTSON, B. Ken	Chemistry	V. Chair Gen Fac	1975
REYNOLDS, Martin K.		Stu Council	1975
MILLER, Ronald C.		Grad Student	1975

4.522 STUDENT AFFAIRS

*Reported
2 page*

MEDROW, Robert (Chair)	Mech Engr	AC Fac	1975
SUMMERS, David A.	Mining Engr	AC Fac	1975
HAGNER, George F.		AC Student	1975
PONDER, Paul E.	Dir Student Services	Admin	--
GIBBS, Diane C.		Stu Council	1975
HARMS, Dulaney R.		Stu Council	1975
SEBREE, Mark H.		Stu Council	1975
WILCOX, Thomas R.		Stu Council	1975
WILLIAMS, Paul E.		Stu Council	1975
MILLER, Ronald C.		Grad Student	1975

4.523 STUDENT AWARDS & FINANCIAL AIDS

DILLMAN, Norman G.	Elec Engr	AC Fac	1975
GARBACZ, Christopher E.	Soc Science	AC Fac	1975
SORRELL, Charles A.	Cer Engr	AC Fac	1975
BAYLESS, Jerry R.	Civil Engr	Gen Fac	1976
WOLF, Robert V. (Chair)	Met Engr	Gen Fac	1976
PENDERGRASS, R. L. (Sec)	Dir Stu Awards	Admin	--
BORGMEYER, Marvin E.		Stu Council	1975
OGLE, Ramona K.		Stu Council	1975
HALE, George M.		Grad Student	1975

4.524 STUDENT SCHOLASTIC APPEALS

25 Jan 75

ANDREWS, William A. (Chair)	Civil Engr	AC Fac	1975
EISENMANN, Harry J.	Soc Science	AC Fac	1975
SWANCUTT, George L.	Engr Tech	AC Fac	1975
CHRISTIANSON, Carl R.	Mining Engr	Gen Fac	1976
PARK, Efton L. Jr.	Chem Engr	Gen Fac	1976
BURRIS, Kenneth W.		Stu Council	1975
STEARNS, Steven H.		Stu Council	1975
HAGNER, George F.		Grad Student	1975

UMR ADMINISTRATIVE COMMITTEES 1974 - 75

MEMBER	AFFILIATION	TERM EXPIRES SUMMER
4.531 ATHLETICS COMMITTEE <i>reported periodically</i>		
Anderson, Rodney J.	Grad. Student	1975
Aughenbaugh, Nolan	M & M	1976
Bayless, Jerry	Engr.	1979
Berry, Jerry	Alumni	1975
Gilmore, Jerry	Alumni	1975
Grice, Harvey	Engr.	1975
Key, Billy	Athletic Dept.	1975
Klie, Ross	Student	1975
McDonald, Joseph	A & S	1978
Ridley, Jack	A & S	1977
Ruff, Mary Katherine	Student	1975
Schaefer, Rodney (Chairman)	Engr.	1978
Wollard, Joseph D.	Bus. Officer	1975
4.532 HONORARY DEGREES		
Clark, J. Beverley (Chairman)	Acting Dean, Grad. School	1975
Grice, Harvey	Engr.	1975
James, W. J.	A & S	1975
Moore, R. E.	M & M	1975
4.533 SECURITY AND TRAFFIC SAFETY COMMITTEE		
Adams, Curtis	A & S	1976
Arnold, Marion	M & M	1976
Askeland, D. R.	M & M	1975
Dunipace, K. R.	Engr.	1975
Gibbons, Kelly	Dir., Traffic Safety	1975
Goggin, Ernest	Phys. Plant	1976
Hargis, Dottie	Library	1976
Heisserer, Karl	Student	1975
Helmkamp, Bob	Student	1975
Holley, Tom	Student	1975
Johnson, Richard T.	Engr.	1976
Pearson, Lon (Chairman)	A & S	1976
Rambow, Frederick H.	Graduate Student	1975
Warren, Eugene - <i>appeals subcommittee</i>	A & S	1975
Ziemer, Rodger	Engr.	1975
Rollins, R. R.	A & S	1975

McDonald, Director

MEMBER	AFFILIATION	TERM EXPIRES SUMMER
4.534 STUDENT CONDUCT COMMITTEE	<i>✓ one-page report</i>	
Bayless, Jerry	Engr.	1976
Boothby, Mike	Student	1975
DeKock, Arlan	A & S	1976
Fannin, David R.	Engr.	1975
Gant, Dawn	Student	1975
Marshall, Fred	Student	1975
O'Keefe, Thomas	M & M	1975
Remington, C. R. (Chairman)	Engr.	1976
Stoffer, James	A & S	1975

4.535 TENURE COMMITTEE

Member		Alternate	
Anderson, Richard A.	Physics	Fuller, Harold Q	1975
Beveridge, Thomas R. (V-Chrmn.)	Geology	Spreng, Alfred C.	1975
Best, John L.	Civil Engr.	Andrews, William A.	1975
Brewer, John M.	Humanities	Wade, Clyde G.	1975
Cain, Marvin	Soc. Sci.	Hentzel, David R.	1975
Carmichael, Ronald L.	Engr. Mgt.	Hegler, Burns	1975
Carson, Ralph S.	Elec. Engr.	Skitek, Gabriel G.	1975
Crosser, Orrin K. (Chrmn.)	Chem. Engr.	Zakin, Jacques L.	1975
Erkiletian, Dickran H.	Math.	Johnson, Charles A.	1975
Foster, J. Earl	Engr. Mech.	Muhlbauer, Karl C.	1975
Kisslinger, Fred (Sec'y.)	Met. Engr.	Wuttig, Manfred R. G.	1975
Lewis, Gordon	Cer. Engr.	Day, Delbert E.	1975
Rigler, A. Kellam	Comp. Sci.	Gillett, Billy E.	1975
Schowalter, Ralph E.	Mech. Engr.	Howell, Ronald H.	1975
Siehr, Donald J.	Chemistry	Carroll, William R.	1975
Spokes, Ernest M.	Min. Engr.	Warner, Don L.	1975
Allgood, Dewey	Phys. Ed.	Finley, Charles B.	1975

UNIVERSITY-WIDE TENURE COMMITTEE

1973-75 Ralph E. Schowalter, Member
Orrin K. Crosser, Alternate

1974-76 Ernest M. Spokes, Member
Dickran H. Erkiletian, Alternate

MEMBER	AFFILIATION	TERM EXPIRES SUMMER
4.536 TUITION AND RESIDENCE		
Boyd, Jack	M & M	1975
Craig, W. C. (Secretary)	Business Office	1975
Dillman, Norman G.	Engr.	1975
Ponder, Paul (Chairman)	Student Services	1975
Christiansen, Carl	M & M	1975
Shelton, Dave	Registrar's Office	1975

AUTHORIZATION, CHARGES AND DESCRIPTIONS
OF UMR SPECIAL COMMITTEES POSSESSING
CAMPUS-WIDE AUTHORITY

4.601 COMMITTEE ON FACULTY CONDUCT

4.601.1 The duties, responsibilities and authority of this committee are defined in the November 16, 1970 Report of the Committee on Faculty Responsibility which was adopted by the General Faculty on December 8, 1970.

4.601.2 The membership consists of one regular and one alternate member elected by and from each academic department. The committee is responsible for its own internal organization.

Member	Affiliation	Alternate	Term Expires Summer
Bolter, Ernst A.	Geology	Rechtien, Richard D.	1975
DeKock, Arlan R.	Comp. Sci.	Pyron, Howard D.	1975
Garner, Melvin L.	Engr. Mgt.	Wiebe, Henry A.	1975
Harvey, A. Herbert	Min. Engr.	Rockaway, John D.	1975
Hicks, Troy L.	Math	Hatfield, Charles	1975
Law, David A.	Humanities	Cogell, Wayne C.	1975
McFarland, Charles E.	Physics	Pauls, Franklin B.	1975
McPherson, George J.	Elec. Engr.	Fannin, D. Ronald	1975
Moore, Robert E.	Cer. Engr.	Anderson, Harlan U.	1975
Morris, Arthur E.	Met. Engr.	Bolon, Albert E.	1975
Oglesby, David B.	Engr. Mech.	Beckemeyer, Edward J.	1975
Oster, Donald B.	Soc. Sci.	Williams, Lance	1975
Patterson, Gary K.	Chem. Engr.	Park, Efton L., Jr.	1975
Pease, Robert L.	Phys. Ed.	Finley, Charles B.	1975
Rhea, Lyle G.	Mech. Engr.	Swancutt, George L.	1975
Russell, Robert R.	Chemistry	Tappmeyer, Wilbur P.	1975
Schmidt, Norbert O.	Civil Engr.	Clark, Ralph H.	1975

4.602 ISOTOPES AND REACTOR SAFETY COMMITTEE

4.602.1 Established by the Chancellor pursuant to federal and state regulations. Responsible for advising on the regulations and procedures to be followed in securing, handling and storing radioactive materials in accordance with appropriate governmental regulations and safety practices.

4.602.2 The members of this committee are appointed annually by the Chancellor, who shall designate one member to serve as chairman.

4.602 ISOTOPES AND REACTOR SAFETY COMMITTEE (continued)

Member	Affiliation	Term Expires Summer
Bolon, A. E. (Chairman)	Met. and Nuc. Engr.	1975
Wuttig, Manfred	Met. Engr.	1975
Dolan, T. J.	Nuc. Engr.	1975
Edwards, D. Ray	Dir., Nuc. Reactor	1975
Manuel, Oliver	Chemistry	1975
Poling, Bruce	Chem. Engr.	1975
	Health Physicist	1975

4.603 COMMITTEE OF DEPARTMENT CHAIRMEN

4.603.1 This committee is authorized and established by the Chancellor and serves as a policy advisory committee to the Chancellor, other campus-wide administrative officers and groups, and appropriate faculty groups. It reviews policies and administrative practices, either on its own initiative or upon referral, and thereafter makes recommendations to appropriate individuals or groups. It has the authority to limit the extent of its consideration of matters referred to it.

4.603.2 The Committee consists of the chairmen of the academic departments of the University of Missouri - Rolla. It has the delegated authority to establish its own internal organizational structure.

Member	Affiliation	Term Expires Summer
Aughenbaugh, Nolan	Min. Petr. & Geol. Engr.	1975
Betten, J. Robert	Elec. Engr.	1975
Crowley, Robert	Military Science, Army	1975
Epstein, Erwin H.	Soc. Sci.	1975
Faucett, Thomas	Mech. & Aero. Engr.	1975
Haddock, A. Glen	Mathematics	1975
Hamblen, John	Comp. Sci.	1975
Hansen, Peter (Chairman)	Engr. Mech.	1975
Moore, Robert	Cer. Engr.	1975
Pogue, Jim C.	Humanities	1975
Sarchet, B. R.	Engr. Mgt.	1975
Schearer, Laird	Physics	1975
Senne, Joseph	Civil Engr.	1975
Spreng, Alfred	Geology	1975
Stroh, Jerry	AF Aero Studies	1975
Strunk, Mailand	Chem. Engr.	1975
Weart, Harry	Met. Engr.	1975
Webb, William	Chemistry	1975
Key, Billy	Phys. Ed.	1975

4.604 COMMITTEE OF DEANS

4.604.1 This Committee is authorized and established by the Chancellor to review, evaluate, and recommend on all matters relating to the academic programs of the campus. If it wishes, the committee may discuss and make recommendations on any aspect of the campus operations.

4.604.2 The membership of the committee consists of all UMR deans. The Dean of Faculties serves as chairman of the Committee of Deans.

Member	Affiliation	Term Expires Summer
Clark, J. Beverley	Acting Dean, Grad. School	1975
Daane, Adrian H.	Dean, A & S	1975
Johnson, J. Stuart	Dean, Engr.	1975
Lorey, G. Edwin	Dean, Extension	1975
Planje, T. J.	Dean, M & M	1975
Thompson, Dudley (Chairman)	Dean of Faculties	1975

4.605 CHANCELLOR'S COUNCIL

4.605.1 This committee is authorized and established by the Chancellor to provide advice on various administrative matters, to prepare Policy Memoranda based upon Faculty or Board of Curators' action and to determine the most appropriate referral of undecided matters. This body has no authority for group decision, but serves a most important advising and coordinating role.

4.605.2 The membership consists of all the UMR deans; the director of Institutional Studies; the director of student services; the business officer; the chairman of public relations, development, alumni; the chairman of the Academic Council; members of the University-wide Intercampus Faculty Advisory Council and the Chancellor who serves as chairman.

Member	Affiliation	Term Expires Summer
Bisplinghoff, R. L. (Chairman)	Chancellor	1975
Clark, J. Beverley	Acting Dean, Grad. School	1975
Cress, W. Dudley	Public Information	1975
Daane, Adrian H.	Dean, A & S	1975
Day, Delbert E.	Ceramic Engr. & UMIFAC	1975
Grice, Harvey	Chem. Engr. & UMIFAC	1975
James, W. J.	Materials Research & UMIFAC	1975
Johnson, J. Stuart	Dean, Engr.	1975
Lorey, G. Edwin	Dean, Extension	1975
Planje, T. J.	Dean, M & M	1975
Ponder, Paul E.	Student Services	1975
Robertson, B. Ken	Chrmn., Academic Council	1975
Smith, Neil	Dir., Institutional Studies	1975
Thompson, Dudley	Dean of Faculties	1975
Wollard, J. D.	Business Officer	1975

4.602 ISOTOPES AND REACTOR SAFETY COMMITTEE (continued)

Member	Affiliation	Term Expires Summer
Bolon, A. E. (Chairman)	Met. and Nuc. Engr.	1975
Wuttig, Manfred	Met. Engr.	1975
Dolan, T. J.	Nuc. Engr.	1975
Edwards, D. Ray	Dir., Nuc. Reactor	1975
Manuel, Oliver	Chemistry	1975
Poling, Bruce	Chem. Engr.	1975
	Health Physicist	1975

4.603 COMMITTEE OF DEPARTMENT CHAIRMEN

4.603.1 This committee is authorized and established by the Chancellor and serves as a policy advisory committee to the Chancellor, other campus-wide administrative officers and groups, and appropriate faculty groups. It reviews policies and administrative practices, either on its own initiative or upon referral, and thereafter makes recommendations to appropriate individuals or groups. It has the authority to limit the extent of its consideration of matters referred to it.

4.603.2 The Committee consists of the chairmen of the academic departments of the University of Missouri - Rolla. It has the delegated authority to establish its own internal organizational structure.

Member	Affiliation	Term Expires Summer
Aughenbaugh, Nolan	Min. Petr. & Geol. Engr.	1975
Betten, J. Robert	Elec. Engr.	1975
Crowley, Robert	Military Science, Army	1975
Epstein, Erwin H.	Soc. Sci.	1975
Faucett, Thomas	Mech. & Aero. Engr.	1975
Haddock, A. Glen	Mathematics	1975
Hamblen, John	Comp. Sci.	1975
Hansen, Peter (Chairman)	Engr. Mech.	1975
Moore, Robert	Cer. Engr.	1975
Pogue, Jim C.	Humanities	1975
Sarchet, B. R.	Engr. Mgt.	1975
Schearer, Laird	Physics	1975
Senne, Joseph	Civil Engr.	1975
Spreng, Alfred	Geology	1975
Stroh, Jerry	AF Aero Studies	1975
Strunk, Mailand	Chem. Engr.	1975
Weart, Harry	Met. Engr.	1975
Webb, William	Chemistry	1975
Key, Billy	Phys. Ed.	1975

4.606 UNIVERSITY COUNCIL

4.606.1 This committee is authorized and established by the Chancellor to provide group advice on matters more extensive than the concern of the Chancellor's Council, including matters of general campus concern. It has no authority for final group decisions, and its primary function is to advise the Chancellor, the Chancellor's Council, faculty groups, and administrative offices concerning problems and operations of the campus.

4.606.2 The membership consists of all officers reporting to the Chancellor including the UMR deans; the director of Institutional Studies; the director of Public Information; the director of Admissions and Registrar; the director of the Alumni Office; the director of Student Services; the business officer; the chairman of the Committee of Department Chairmen and the chairman of the Academic Council; plus the Resource Planning Council. The Chancellor serves as chairman of the group.

Member	Affiliation	Term Expires Summer
Bisplinghoff, R. L. (Chairman)	Chancellor	
Clark, J. Beverley	Acting Dean, Grad. School & RPC	1975
Cress, W. Dudley	Public Information	1975
Daane, Adrian H.	Dean, A & S	1975
Grigoropoulos, S. G.	Resource Planning Council	1975
Hansen, Peter G.	Chrmn., Com. Dept. Chrmn.	1975
Johnson, J. Stuart	Dean, Engr.	1975
Lewis, Robert B.	Registrar & Dir. Admis.	1975
Lorey, G. Edwin	Dean, Extension & RPC	1975
Mackaman, Frank	Alumni Office	1975
Planje, T. J.	Dean, M & M	1975
Ponder, Paul E.	Student Serv. & RPC	1975
Robertson, B. Ken	Chrmn., Academic Council	1975
Smith, Neil	Dir., Institutional Studies	1975
Thompson, Dudley	Dean of Faculties & RPC	1975
Wollard, J. D.	Bus. Off. & RPC	1975
Vaughn, John	Resource Planning Council	1975

4.607 CAMPUS SPACE ALLOCATION COMMITTEE

4.607.1 This committee is authorized and established by the Chancellor. It is responsible for evaluating various requests for space and for recommending to the Chancellor all changes in assignments of classrooms, offices, laboratories and research facilities. It is also charged with the responsibility to initiate studies designed to further improve the utilization of on-campus facilities.

4.607.2 The members of this committee are appointed annually by the Chancellor, who shall designate one member to serve as chairman.

Member	Affiliation	Term Expires Summer
Daane, Adrian H.	Dean, A & S	1975
Hansen, Peter G.	Engr. & Chrmn., Com. Dept. Chrmn.	

4.607 CAMPUS SPACE ALLOCATION COMMITTEE (continued)

Member	Affiliation	Term Expires Summer
Otto, Robert L.	Supervisor, Physical Plant	1975
Peterson, Lauren	Registrar	1975
Planje, T. J.	Dean, M & M	1975
Roberts, J. Kent	Engr.	1975
Ponder, Paul E. (Chairman)	Stu. Services	1975
Stevens, W. W.	Development Office	1975
Thompson, Dudley	Dean of Faculties	1975

4.608 COMMITTEE ON INTERNATIONAL PROGRAMS AND STUDIES

4.608.1 This committee, established by the Chancellor, is authorized to propose and evaluate international education programs in which the University of Missouri - Rolla should be involved.

4.608.2 The members of the committee are appointed annually by the Chancellor, who shall designate one member to serve as chairman. At least one member shall be selected from 4.512 Admissions and Academic Standards.

Member	Affiliation	Term Expires Summer
Atchley, Bill L.	Engr.	1975
Carlile, Robert	Int. Center	1975
Eppelsheimer, D. S.	M & M	1975
Gale, Nord	A & S	1975
Montgomery, Robert (On Leave)	A & S	1975
Morgan, John D.	Engr.	1975
Baird, Thomas B.	Adm. & Acad. Std.	1975
Park, Efton	Engr.	1975
Reisbig, Ronald	Engr.	1975
Sarchet, B. R. (Chairman)	Engr.	1975
Sieck, Lawrence	Engr.	1975
Tranter, William	Engr.	1975
Wixson, Bobby	Int. Center	1975

4.609 COMMITTEE ON EFFECTIVE TEACHING AND FACULTY AWARDS

4.609.1 This committee is authorized and established by the Chancellor. It conducts seminars for the benefit of teachers and of improving instruction and recommends methods to improve teaching effectiveness; nominates faculty members for special teaching and research awards established at the University of Missouri - Rolla.

4.609.2 The members of this committee are appointed annually by the Chancellor, who shall designate one member to serve as chairman.

Member	Affiliation	Term Expires Summer
Emanuel, Jack	Engr.	1975
Haddock, A. Glen (Co-chrmn.)	A & S	1975
Muhlbauer, Karl	Engr.	1975
Ridley, Jack	A & S	1975
Roberts, J. Kent (Co-chrmn.)	Engr.	1975
Summers, D. A.	M & M	1975
Wilson, T. C.	M & M	1975
Orrick, Debbie	Student	1975
Liescheidt, Steve	Student	1975
Rachels, Darrel	Student	1975
George, Jerome M.	Graduate Student	1975

4.610 FACULTY ADVISORY COMMITTEE FOR INSTITUTIONAL DEVELOPMENT

4.610.1 This committee is authorized and established by the Chancellor to serve as the faculty advisory committee on policy leading to the development efforts and fund raisings. The committee also advises on priorities of development as it seems the campus needs. Its members may assist volunteers located by the Development Office in the solicitation of funds and support of the campus.

4.610.2 The members of this committee are faculty members who are appointed annually by the Chancellor. The Chancellor shall also designate one member to serve as chairman.

Member	Affiliation	Term Expires Summer
Andrews, William	Engr.	1975
Cuthbertson, G. Raymond	Engr.	1975
Daane, Adrian H. (Chairman)	A & S	1975
Eloe, Howard	Development Office	1975
Faucett, Thomas R.	Engr.	1975
Fuller, Harold Q	A & S	1975
Moore, R. E.	M & M	1975
Oakley, David	A & S	1975
Pogue, Jim C.	A & S	1975
Scott, J. J.	M & M	1975

4.611 COMMITTEE ON INSTRUCTIONAL MEDIA

4.611.1 This committee is authorized and established by the Chancellor. It initiates and implements innovative teaching awards; suggests institutional policy on the instructional use of media; reviews and recommends instructional media resources and facilities for the campus; proposes special instructional media projects to be implemented by the departments concerned; proposes policy for the instructional media programs; and maintains a catalog of instructional media equipment.

4.611.2 The members of this committee are appointed annually by the Chancellor, who shall designate one or more members to serve as chairman of the principal committee as well as chairmen of any subcommittees established to implement these charges.

Member	Affiliation	Term Expires Summer
Schowengerdt, George (Chairman)	Learning Resources	1975

SUBCOMMITTEES

FM Radio

Abney, Paul	Student FM Manager	1975
Cress, W. Dudley	Public Information	1975
Morris, Art	M & M	1975
Muhlbauer, Karl	Engr.	1975
Oakley, David	A & S	1975
Lund, Louis H.	A & S	1975

ITV/A-V

Campbell, John	Student	1975
Cress, W. Dudley	Public Information	1975
Andrews, William A.	Engr.	1975
Manley, David	Engr.	1975
Morris, Art	M & M	1975
Parry, Myron	Engr.	1975
Ridley, Jack	A & S	1975
Tappmeyer, Wilbur	A & S	1975

4.612 FACULTY ADVISORY COMMITTEE FOR EXTENSION AND CONTINUING EDUCATION

4.612.1 This committee is authorized and established by the Chancellor in order to (1) evaluate and propose general policies relative to the scope of the UMR continuing education program, (2) recommend administrative and academic procedures for implementing and improving extension activities, (3) propose priorities to be employed in developing programs, (4) individually and collectively propose specific continuing education programs, and (5) assume responsibility for informing the faculty of the service opportunities available under the extension program.

4.612.2 The committee membership includes but is not restricted to one faculty member from each of the UMR academic departments, the Director of Continuing Education for the School of Engineering, the Director of the UMR St. Louis Graduate Engineering Center, all of whom are appointed annually by the Chancellor. The Dean of Extension and Continuing Education, or the Assistant Dean as his representative, will meet with the committee as non-voting members and will provide necessary staff support to the committee. The committee is responsible for establishing its own internal organizational structure.

Member	Affiliation	Term Expires
Amos, John	Engr. Mgt.	1975
Bertrand, Gary	Chemistry	1975
Brasunas, Anton	Grad. Engr. Ctr.	1975
Carlile, Robert	International Programs	1975
Eppelsheimer, Daniel	Met. & Nuc. Engr.	1975
Epstein, Erwin	Soc. Sci.	1975
Grant, Sheldon K.	Geology	1975
Haddock, A. Glen	Mathematics	1975
Heagler, John (Chairman)	Engr.	1975
Howell, Ronald	Mech. Engr.	1975
Kern, Frank	Elec. Engr.	1975
Kreidl, Norbert	Cer. Engr.	1975
Loesing, Vernon	Civil Engr.	1975
Lorey, Edwin	Dean, Ext. & Cont. Ed.	1975
Muhlbauer, Karl	Engr. Mech.	1975
Oakley, David	Humanities	1975
Scott, James J.	Mining Engr.	1975
Waggoner, Raymond	Chem. Engr.	1975
Walters, Frank	Comp. Sci.	1975
Zenor, Hughes	Physics	1975

4.613 INTERNATIONAL STUDENTS AND PROGRAMS ADVISORY COMMITTEE

4.613.1 This committee is to work toward a better coordination of our various campus programs which are involved rather directly with international students.

4.613.2 The members of the committee are appointed annually by the Chancellor, who shall designate one member to serve as chairman.

Member	Affiliation	Term Expires Summer
Boyd, Jack	A & S	1975
Carlile, Robert E.	International Center	1975
Carlo, Rev. Joseph W.	Rolla, People-to-People Repr.	1975
Johnston, Ron	Admissions Office	1975
Moss, Lou (Secretary)	Student Personnel	1975
Ponder, Paul E. (Chairman)	Student Services	1975
Ramjohn, Faizul	Student	1975
Sarchet, B. R.	Engr. Mgt.	1975
Siagian, Marwan	Student	1975
Ucar, Roberto	Student	1975
Fanaian, Evaz	Student	1975

4.614 RESEARCH POLICY COMMITTEE

4.614.1 This committee is authorized and established by the Chancellor following a recommendation of the Academic Council and further implementing recommendations by the Graduate Council representing the Graduate Faculty to: (1) evaluate and propose general policies relative to the scope of UMR research activities, (2) recommend procedures for promoting research and other scholarly activities, (3) assume responsibilities for collecting, evaluating, and disseminating information relative to the improvement of and use of UMR's research capabilities.

4.614.2 The committee is organized as one of five standing committees of the Graduate Faculty. The committee membership includes four members chosen by and from the Graduate Council, three members from the Directors of the Research Centers, and the Graduate Dean. The research fiscal officer and coordinator will serve as staff support. The committees will establish its own internal structure.

Member	Affiliation	Term Expires Summer
Amos, John M.	Engr.	1975
Anderson, Harlan	M & M	1975
Clark, J. Beverley	Acting Dean, Grad. School	1975
Crosbie, Alfred L.	Engr.	1975
Davis, Robert L.	Engr.	1975
Grigoropoulos, S. G.	Engr.	1975
James, William J.	Mat. Res.	1975
Kassner, James L.	Cloud Physics	1975
Scheerer, Laird D.	A & S	1975
Wixson, Bobby G.	Int. Center	1975

4.616 RESOURCE PLANNING COUNCIL

4.616.1 This committee is authorized and established by the Chancellor. It has four primary functions: (1) It evaluates U-Wide guidelines and recommends to the Chancellor the guidelines and priorities for the campus operating budget. (2) It recommends to the Chancellor the changes in budgetary programs dictated by redistribution, increases or decreases of the available resources. (3) It evaluates U-Wide guidelines and recommends to the Chancellor the guidelines and priorities for the campus legislative budget requests. (4) It prepares budgetary studies and develops such budgetary plans and priorities as directed by the Chancellor.

4.616.2 The membership of this committee consists of the Dean of Faculties, the Dean of the Graduate School, the Dean of Extension, the Director of Student Services, the Business Officer, the Chairman of the Budgetary Affairs Committee, and the Assistant Business Officer (secretary-non voting). The Dean of Faculties will be Chairman of the committee and the committee will elect a Vice-Chairman at its first meeting.

Member	Affiliation	Term Expires Summer
Clark, J. Beverley	Acting Dean, Grad. School	1975
Grigoropoulos, S. G.	Chrmn., Budgt. Affairs Com.	1975
Lorey, G. Edwin	Dean, Extension	1975
Ponder, Paul E.	Student Services	1975
Thompson, Dudley (Chairman)	Dean of Faculties	1975
Vaughn, John (Sec'y.)	Bus. Off.	1975
Wollard, J. D.	Bus. Off.	1975

4.617 UNIVERSITY SAFETY AND RISK MANAGEMENT COMMITTEE

4.617.1 The principal responsibility of the this committee is to assist the Chancellor, Provost for Administration, University Senate, Business Officer and Safety Representative with the implementation of the Risk Management Program.

4.617.2 The members of the Campus Safety and Risk Management Committee shall be determined by the Chancellor's however, members of the University Safety and Risk Management Committee (University-wide Committee) shall be appointed to serve on the Campus Committee, but no more than three such members shall be appointed. The Campus Committee shall also include at least one undergraduate student. The Chairman of the Campus Committee shall be appointed by the Chancellor.

Member	Affiliation	Term Expires Summer
Boothby, Michael L.	V-P, Student Council	1975
Bosky, Walter (Sec'y. non-voting)	Safety Repr.	1975
Gibbons, Kelly	University Police	1975
Hegler, Burns	Engr.	1975
Otto, Robert	Physical Plant	1975
Roach, D. Vincent	A & S	1975
Schowalter, Ralph	Engr.	1975

4.618 PUBLICATIONS COMMITTEE

4.618.1 This committee is to assure (a) the quality of scholarly material published under the UMR imprimatur, and (b) the efficiency and effectiveness of the publication. This committee will continue in existence only until such time as the Academic Council makes such change in their charge to 4.520 Publications.

4.618.2 The membership is to be the same as 4.520 Publications.

Member	Affiliation	Term Expires Summer
Cogell, Elizabeth A. (Chairman)	A & S	1976
Cress, W. Dudley	Info. Off.	
Edwards, D. Ray	M & M	1975
Hegler, Burns E.	Engr.	1975
Mayhan, Kenneth G.	Engr.	1976
Oakes, Robert A.	A & S	1975
Wuttig, Manfred	M & M	1976

4.619 UMR METRIC COMMITTEE

4.619.1 This committee is authorized and established by the Chancellor to (1) plan and implement the UMR Extension programs on Metrication, (2) coordinate the UMR Extension programs with the University of Missouri state-wide metrication programs, and (3) recommend a timetable and plans for metrication of the campus.

4.619.2 The members of this committee are appointed annually by the Chancellor, who shall designate one member to serve as Chairman.

Member	Affiliation	Term Expires Summer
Adams, Curtis	A & S	1975
Brasunas, Anton deS.	Grad. Engr. Ctr.	1975
DeKock, Arlan	A & S	1975
Devine, William	KUMR	1975
Fannin, David R.	Engr.	1975
Key, Billy	Phys. Ed.	1975
Malisch, Ward R.	Engr.	1975
Muhlbauer, Karl (Chairman)	Engr.	1975
Riley, Richard K.	Engr.	1975
Robertson, B. Ken	A & S	1975
Schowengerdt, George	Learning Resources	1975
Marlow, Bob L.	Physical Plant	1975

4.619 UMR METRIC COMMITTEE (continued)

Member	Affiliation	Term Expires Summer
Scrivner, Jack M.	A & S	1975
Schwab, Gweneth	A & S	1975
Swancutt, George L.	Engr.	1975
Weiss, Gordon E.	Engr.	1975
Rockaway, John D.	M & M	1975

TO: Members of the Board of Curators of the University of Missouri
FROM: UMR Academic Council
RE: President Ratchford's Academic Plan of May 24, 1974

The UMR Academic Council has reviewed the May 24, 1974 version of the Academic Plan which was recommended to you by President Ratchford for your consideration and adoption. We view the May 24 version of the Academic Plan with grave concern and cannot support the plan for adoption in its entirety as a guide for the University in the next decade.

During the almost three year period of preparation of the Academic Plan, input was requested from the various segments of the academic community. As regards faculty input, we assumed that our advice and suggestions for change in the various tentative versions were being considered by those responsible for the final decisions on the plan. The May 24 version as a successor to the April 3 version indicates to us that the presentation of the needs of the UMR campus was not effectively communicated and/or understood. Certainly we may be at fault in this regard. Nevertheless, encouraged by the interest shown by the Board's Academic Affairs Committee to learn facts and solicit opinion at the May 8 meeting with UMR Faculty, Students, and Administrators, we now appeal directly to you, the Board, to correct what we consider to be unacceptable features of the plan.

We present below some of our major concerns regarding the future of programs on the UMR campus and respectfully request that you consider these concerns in your deliberations in formulation of the final version of the Academic Plan. Many of our concerns have been voiced by the UMR Campus and by the UMR Council previously in response to the earlier versions of the Academic Plan (copies of the UMR Campus response to the March 14, 1974 plan and the UMR Council response to the April 3, 1974 plan are attached).* The presentation of assignments of particular concern to us follows and is given in the same order as the areas appear in May 24 Academic Plan.

Engineering and Mines and Metallurgy

1. In recognition of the national role which the School of Mines and Metallurgy has played and continues to play in the field of energy research and manpower, and the increasing national need in these areas, the necessity for increased funding for these programs, as recognized by the Academic Plan, must be emphasized.
2. In view of the guidelines for Academic Planning as contained in "The University of Missouri: Its Future" (President's Bulletin of February 2, 1973), the development of new engineering interdivisional programs at all levels at UMC appears to us to be contradictory and hardly an economy of resources. The same conclusion must be made with regard to initiation of duplicative cooperative undergraduate programs between the UMC and UMKC campuses.

3. In regard to the assignment of traditional B.S. programs at UMC to a IIIA category as candidates for reduction, such reduction is unlikely while corresponding graduate programs are fully supported. Accordingly, it is difficult to see where resources are being more economically and efficiently utilized. Since considerable confusion exists over the meaning of the categories and particularly the IIIA classification, it would be helpful to have clarification by the Board regarding the effect the assignment of each classification will have on programs so assigned in regarding such things as changes in funding, faculty, and extent of programs.

Physical Sciences

In view of the assignment to UMR that "the main thrust of this campus will be engineering and science-technology" ("The University of Missouri: Its Future", February 2, 1973 as approved, the Board of Curators), the assignment of the Ph.D. programs in Chemistry and Geology & Geophysics to the IIIA category for possible reduction is unreasonable. Considering that these programs represent two thirds of the Ph.D. programs in the physical sciences at UMR, it would appear that successful realization of our assigned task as the center of engineering and science-technology would be jeopardized if the final Academic Plan to be adopted by the Board retains these programs in category IIIA. In fact such an assignment could very well make it difficult to attract the "sufficient number of high quality applicants" necessary for continuance of a doctoral program (see footnote 1, page 1, page 9 of the May 24 Academic Plan). This will be particularly true if similar programs on any of the other three campuses are placed in a higher category. For instance, the Geology Ph.D. at UMC and the Chemistry Ph.D. at UMSL are in category II in the May 24 plan. Accordingly we are urging the Board to place these two Ph.D. programs at UMR in the II category with no similar programs on the other campuses in a category other than II or III.

Mathematical Sciences

1. Mathematics: The comments of the previous section regarding the IIIA assignment of Ph.D. programs are equally valid for the assignment of the UMR mathematics Ph.D. in IIIA while the UMSL Ph.D. in mathematics is given a I-B classification. These assignments are incredible considering that programs exist in the University of Missouri. For the UMR campus, emphasizing engineering and science-technology, we believe it is absolutely essential to have extremely strong mathematics programs at all levels, undergraduate and graduate. Accordingly, we urgently request that the UMR Ph.D. program be placed in the II category with no other mathematics Ph.D. program with a higher (i.e. IA or IB) category.

2. Computer Science: Of all the assignments in the May 24 Academic Plan, perhaps none are as baffling as those regarding the computer science baccalaureate programs, namely three new programs (A.B. at UMC, B.S. at UMKC, and B.S. at UMSL)! Furthermore no program is in more direct violation of the Role and Scope document than is the M.S. in Computer Science at UMC.

Social Sciences

The Academic Plan has appropriately included the B.A./B.S. in Sociology in the I-B category. It is however unfortunate that the Social Science M.S.T. has been denied, in view of the demonstrated demand of teachers in the area for the program.

Humanities

The assignment of undergraduate programs in the May 24 Academic Plan in the Humanities is generally in accord with the campus mission. There exist strong feelings on the UMR campus that a B.A. in Modern Foreign Languages would be beneficial to our total academic program.

M.S.T. Programs

The M.S.T. programs in the physical sciences and mathematics are a very effective way of upgrading teaching in the public schools and establishing rapport between the university and high school teachers. In addition they represent little cost to the university since they have been supported by federal granting agencies. They should be placed in category II; in addition the social science M.S.T. should be reconsidered.

In summary, we have endeavored here to point out some of the most evident shortcomings of the proposed Academic Plan as regards the Rolla campus. The main effect of these changes is to produce an Academic Plan that is more faithful to the assigned mission of UMR and provide moral support to the faculty who must, of necessity, bear the burden of carrying out the assigned missions. We are confident that you, who have the ultimate decision-making responsibilities regarding the University of Missouri and its future, will ensure that UMR is provided the range and depth of programs that have gained for UMR a proud tradition regarding technological and scientific accomplishments.

University of Missouri - Rolla

III. B



OFFICE OF THE DEAN OF FACULTIES

August 2, 1974

102 Parker Hall
Rolla, Mo 65401

Telephone
314 341-4138

Memorandum To: Committee of Deans, Committee of Department
Chairmen & Executive Committee of the
Academic Council

From: J. C. Pogue

Subject: Revised Draft of a Promotion and Tenure
Procedure and Policy

Gentlemen, enclosed is a revised draft of the proposed procedures for Promotion and Tenure Recommendations. I received a number of replies to the first draft, and have incorporated many of the ideas and concerns that came in. I trust that this not only is an improved statement but that it is also one that incorporates various concerns expressed about promotion and tenure policies and procedures on this campus.

Without, I trust, being presumptuous, I have written this draft as a finished document which could, if meeting with a consensus approval, be prepared very shortly for distribution to the campus. I also wanted you to see in the lead paragraph how the policy could be used without having full campus approval. Certainly, full campus approval will be necessary for any final document. Hopefully, however, if this draft procedure is essentially good, we could use it this year and simultaneously set about perfecting it.

Once again, I would very much appreciate your comments, your recommendations, and any other help you can supply. I would especially appreciate any thoughts you have on the advisability of proceeding with this document, or a modified version of it, as our campus procedure and policy for the year 1974-75. Many thanks for your help.

A handwritten signature in cursive script, appearing to read "J. C. Pogue".

J. C. Pogue
Acting Dean of Faculties

JCP:sj
cc: Dudley Thompson, Acting Chancellor

PROCEDURES FOR PROMOTION AND TENURE RECOMMENDATIONS

The procedures for promotion and tenure recommendations that follow are to be used during the 1974-75 academic year. These procedures have been circulated to the Committee of Deans, the Committee of Department Chairmen, and the Executive Committee of the Academic Council. No one of these groups has necessarily given formal approval to these procedures. Furthermore, the procedures have not been discussed with the Academic Council itself. These procedures are published now so that our process of approving promotion and tenure recommendations may proceed on an advanced time schedule. It should therefore be understood that these procedures are tentative (until final approval by appropriate bodies) and are only in effect for the 1974-75 year, unless ratified. Obviously, too, the new Chancellor may well have procedures that will replace these on either a permanent basis or even for the 1974-75 year. Basic to the preparation of these procedures and their use in 1974-75 is the expectation that the campus can arrive at an established, approved procedure that will be in effect for a period of years with, hopefully, only minor modifications in any given year.

I. PROCESS

- A. Departmental Level: Recommendations for promotion and/or tenure for persons holding rank in an academic department will be initiated by that department. Each department will prepare its own departmental procedure and will establish criteria for promotion and/or tenure, and make them available to faculty in the department at the beginning of each academic year. Both the process and the criteria may differ, in part, between and among departments; however, both should be in keeping with the general procedures and criteria of the campus, although the criteria should tend to be more concrete and specific. Each department will also establish in its procedure a process whereby there is input from faculty other than the department chairperson. The basic premises for these stipulations are that each faculty member should know at each level both the process and criteria which will be involved in his promotion and/or tenure and that the most concrete expression of criteria can come only from the department. Each department is expected to maintain a complete and up-to-date file on the work of each faculty member, including copies of all publications, which should be provided upon request, if not included as part of a recommendation itself.
- B. School/College Level: There will be a school/college review committee that includes representation elected by and from the divisional faculty. This committee is advisory to the dean. Each school/college will establish both a procedure and criteria for reviewing departmental recommendations for promotion and tenure. This procedure and the criteria will be made available to all faculty in the school/college. The criteria established by the school/college will

undoubtedly be more general than those established by each department, but should be no less firm and clear than those of the departments.

C. Campus Level:

1. There will be a Campus Review Committee composed of the Dean of Arts & Sciences, the Dean of Engineering, the Dean of Mines and Metallurgy, and four faculty members selected as follows: The chairman of each school/college review committee and one faculty member selected by the Academic Council. The Dean of Faculties will chair the Committee and be responsible for insuring that all University-wide guidelines and procedures are adhered to, but he will be a non-voting member of the Campus Review Committee. The Committee is advisory to the Chancellor.
2. The role of the Campus Review Committee will be to review and to recommend to the Chancellor promotion and tenure recommendations received from the schools and college. In its review and recommendation, the Committee will examine questions of policy and may require additional documentation in those cases where it believes insufficient evidence exists to justify the recommendation. The Committee will also review the procedures and criteria of the departments and schools/college, and will evaluate the recommendations in light of these procedures and criteria as well as campus and University procedures and criteria. In evaluating the recommendations presented to it, the Committee will depend heavily on the advice of the department which is transmitted to the Committee through the chairman and his dean, but including the recommendations of the faculty evaluation committees. The Committee must be prepared to justify why any recommendation should not be forwarded to the Chancellor with confirmation by the Committee.
3. The Dean of Faculties will be responsible for briefing the Chancellor on the work of the Committee, and may give his own recommendation to the Chancellor. Any recommendations made by the Dean of Faculties that are contrary to the Committee's recommendations shall be made known to the Committee together with a written explanation.

D. Appeal:

1. In cases where the dean does not concur with the recommendations of the school review committee, the recommendations of the committee will be forwarded to the campus level along with the dean's reasons for modifying the recommendations. If, at any level, a

change in or a denial of a recommendation is considered, representatives from the previous level will be given an opportunity to discuss the matter prior to a final decision.

2. At the level of the Campus Review Committee, a dean may wish to invite a department chairman to present to the Committee additional information or explanation of the recommendation.
3. A recommendation may be withdrawn from consideration at any time by the dean of the school/college.
4. Each dean as a member of the Campus Review Committee will be responsible for communicating to his faculty the specific reasons that any promotion and/or tenure recommendation is not positively recommended to the Chancellor. The dean should insure that he receives from the Review Committee as a whole sufficient justifications for a negative recommendation so that he may properly communicate the decisions to the faculty members.

E. Annual Progress Reports: As a part of the general evaluated process, each faculty member will receive from his department chairman annual reports concerning progress toward mutually agreed upon professional goals. Copies of these reports and the agreed upon goals should be available in the department files. These goals and the annual reports should later form a part of the basis for either justifying or denying promotion and/or tenure.

II. CRITERIA

- A. For the 1974-75 academic year, UMR Policy Memorandum No. 16 (revised 10-26-73) will be the basis by which the Campus Review Committee will evaluate promotion recommendations from departments and the schools and college.
- B. Although neither the campus nor the University has any guidelines in terms of faculty performance for the awarding of tenure, as a generalization a department should not recommend tenure for a faculty member until that faculty member also meets the qualifications for promotion to associate professor. In other words, a decision on tenure should be regarded as being of equal or greater importance than the decision to promote to associate professor.
- C. The Academic Council will be asked to make recommendations concerning campus-wide criteria for promotion and tenure. These will, of course, be more general than those of a school/college or department. They will not, however, be used until the 1975-76 year.

CONTENT OF RECOMMENDATIONS

1. See format for tenure and/or promotion recommendations.

GENERAL TABLE

1. All recommendations for promotion and/or tenure must be received in the Office of the Dean of Faculties by no later than January 13, 1975. Earlier submissions will be greatly appreciated.

The University does not regard race, sex, politics, religion, or national origin as subjects that should be considered in making decisions on promotions and/or tenure. The Campus Review Committee assumes the protection of academic freedom as one of its roles. The Committee's definition of academic freedom includes freedom from punishment by the University for activities as a citizen that are protected by the Bill of Rights.

All supplementary materials submitted by departments in support of recommendations for promotions and/or tenure will be available to the Committee from the office of each dean. None of the outside letters circulated for the campus review will be duplicated. After all recommendations for promotion and/or tenure from the campus have been acted upon by the Chancellor and the President, all materials submitted by each department, except the promotion and tenure form, will be returned to the appropriate department.

1 9 7 4 - 7 5 G U I D E L I N E S

I. TENURE RECOMMENDATIONS:

- A. Promotion to assistant professor or associate professor does not have to be accompanied by the awarding of tenure. For example, a person who has served only four years as an assistant professor may be promoted to associate professor without tenure. Further, the tenure regulations clearly state that such a promotion will not cause an increase in the maximum number of years on term appointments. Finally, each faculty member should be aware of a quotation from a memorandum by Dr. Ratchford dated November 10, 1972: *"I remind you that our policy is that the University will annually consider for permanent appointment only those faculty members whose probationary period or condition of appointment makes mandatory a final decision concerning tenure status. I would expect that we would make some exception to this policy only in special or exceptional cases that are well documented."* The memorandum continues with the following: *"With respect to terminal notices, I believe we will create less confusion if we proceed on the basis of the new Tenure Regulations adopted March 17, 1972, which provides a terminal notice be given in the sixth year effective at the end of the seventh year."* The campus assumes that these statements by President Ratchford are in effect until rescinded.

FORMAT FOR TENURE AND/OR PROMOTION RECOMMENDATION

Give information concerning the candidate in exactly the order given below.
Do not omit any items. Use N/A (not applicable) where necessary.

Recommendation for: [] Promotion and Tenure [] Tenure Only [] Promotion only

P A R T I

Appointment Data

Department _____ School/College _____ Date _____

1. Name of staff member _____ Social Security No. _____

2. Present title _____

3. Recommended title _____

4. Date of first employment at University of Missouri-Rolla _____

5. Date of appointment to present rank _____

If tenured, give year _____

6. Number of years toward tenure (include present year plus those allowed from other institutions) _____

7. Is the person recommended a member of the UMR Graduate Faculty? Yes _____ No _____

8. Is the person recommended a member of the University Doctoral Faculty? Yes _____ No _____

(Comment if you wish) _____

P A R T I I

Academic and Professional Information

EDUCATIONAL BACKGROUND

1. List all degrees held by the candidate, citing institutions from which received, with dates.

2. Thesis and dissertation titles.

3. Indicate any other pertinent educational experiences, with dates.

4. List areas of specialization or interest.

TEACHING EXPERIENCE (Resident and Non-Resident)

1. Beginning with present assignment, review academic experience in reverse chronological order, giving dates, institutions, etc.
2. Describe experience directing graduate work; include reference to dissertations and theses directed, if any.
3. Give any details of special departmental and/or University activities, such as course and curricula development, student enrollments, service, student advising. Document any special accomplishments and recognitions.
4. Indicate extension courses, workshops, conferences, etc., which the candidate taught or participated in. Include amount of time devoted to such responsibility.

PROFESSIONAL EXPERIENCE OTHER THAN ACADEMIC

1. Give dates, positions or titles, companies, etc. of all pertinent non-academic professional experience.

RESEARCH, PUBLICATIONS, PRESENTATIONS, PATENTS, AND GRANTS

1. Furnish a statement of the faculty member's research objectives and accomplishments.
2. List candidate's publications in full:
 - a. Books
 - b. Refereed journal articles
 - c. Other journal articles
 - d. Research reports
 - e. Extension publications

Indicate if any of the above include all or part of the candidate's doctoral dissertation.)

3. List papers read by candidate at meetings for past two years. Cite association and date.
4. Describe any patents applied for or received.
5. List research support received, the agencies involved, the funds involved, and the results of the research. If a joint grant, indicate all participants, and the funds received, identify the chief investigator, and indicate percent of effort contributed by each individual.
6. List extension grants received, the agencies and the funds involved, and the results of the support program. If a joint grant, indicate all participants and the funds received, identify the chief investigator, and indicate percent of effort contributed by each individual.

7. List and describe any special presentations (seminars, etc.) given by the faculty member.

PROFESSIONAL ACTIVITIES

1. List membership in professional organizations.
2. Describe service at association meetings and offices held.

SERVICE

1. List service on departmental committees and other departmental responsibilities.
2. Indicate types of involvement, if any, in student extracurricular activities.
3. List service on University committees (Academic Council, College or School, special, etc.).
4. Cite community-related service (national, state, city, local area, etc.).

HONORS AND AWARDS

1. List any special honors or awards received.

P A R T I I I

Evaluation

Completed by department chairmen ___ or departmental committee ___
(Check appropriate block)

[Enclose a description of the criteria used by the department in judging this recommendation].

1. What segment of the departmental faculty acted on the question of this recommendation, and what was the procedure?
2. What special contributions does this faculty member make to the programs of the department and the college/school?
3.
 - a. List the faculty member's teaching and/or research specialties.
 - b. Is this the only member of the department staff in this special field?
 - c. If not, please name the others.
4. If this faculty member left the University of Missouri-Rolla, would the department's programs require a replacement with essentially the same qualifications?

Please explain.

5. What is this faculty member's value to the University as a teacher? Include comments on contributions, where applicable, to both undergraduate and graduate programs including resident, non-resident, credit or non-credit.
6. Cite achievements and promise in research and/or publications and compare with other members of the department (not necessarily by name).
7. Evaluate this candidate's contributions in administrative and service activities both on and off campus.
8. Please add any other statements or data that you feel appropriate.

P A R T I V

Documentation

1. Provide a statement by the department chairman concerning this recommendation.
2. Document the candidate's teaching effectiveness by concrete evidence such as student questionnaires, peer evaluations, awards, classroom visitations, etc.
3. Cite reviews of candidate's publications with summaries.
4. Furnish an evaluative statement from the Dean of the Graduate School. If no statement was solicited or received, explain why.
5. Furnish an evaluative statement from the Dean of Extension. If no statement was solicited or received, explain why.
6. For promotion recommendations to the rank of professor, the Campus Review Committee may seek additional documentation from outside the department or campus. List other sources from whom the Committee might obtain further information.
7. Please include any other types of documentation or evaluation you wish in support of the recommendation.

(Submit the original copy of this recommendation to the college or school dean; include all pertinent letters, copies of articles, books, and papers, and evaluative forms and statements; following his review, the dean will forward to the Campus Promotion and Tenure Review Committee the Promotion and Tenure form (including the documentation requested in Part IV of the form) for all recommendations receiving his approval. All other supporting evidence should remain in the dean's office, but be available to the Review Committee. Also, the dean should attach to each recommendation a statement of procedures and criteria employed at the college/school level to act on departmental recommendations.)

This recommendation was prepared by _____
(Signature) (Date)

Approval of Department Chairman _____
(Signature) (Date)

Approval of College/School Dean _____
(Signature) (Date)

IV. D. 1.

WHEREAS, Dr. James H. Tracey, Professor of Electrical Engineering, served as Chairman of the Academic Council for 1973-74 with singular distinction;

AND WHEREAS; Dr. B. Ken Robertson, Associate Professor of Chemistry, who served as Vice-Chairman; Dr. J. Earl Foster, Professor of Engineering Mechanics, who served as secretary; and Dr. Albert E. Bolon, Associate Professor of Nuclear Engineering, who served as Parliamentarian; ably assisted Dr. James H. Tracey;

AND WHEREAS, Ms Nancy Joyce provided efficient and prompt secretarial, clerical, and messenger services for the officers and members of the Academic Council;

THEREFORE, BE IT RESOLVED, that the Academic Council commends those named above for enabling the Academic Council of 1973-74 to have a very successful year.

ACADEMIC COUNCIL MEETINGS

(1:30 p.m. in G-5, H&SS Building)

August 22, 1974	January 16, 1975
September 12, 1974	February 6, 1975
October 10, 1974	March 6, 1975
November 7, 1974	April 10, 1975
December 5, 1974	May 1, 1975

-AGENDA DEADLINES-

August 12, 1974	January 6, 1975
September 2, 1974	January 27, 1975
September 30, 1974	February 24, 1975
October 28, 1974	March 31, 1975
November 25, 1974	April 21, 1975

GENERAL FACULTY MEETINGS

(4:00 p.m. in 104, M.E. Building)

August 27, 1974
December 10, 1974
April 29, 1975

-AGENDA DEADLINES-

August 19, 1974
December 2, 1974
April 21, 1975

R,P,&A MEETINGS

(1:30 p.m. in 210 M.E. Building)

August 13, 20, & 29, 1974	January 7, 23, & 28, 1975
September 3, & 26, 1974	February 20, & 25, 1975
October 1, 24, & 29, 1974	March 27, 1975
November 21, & 26, 1974	April 1, 17, & 22, 1975
December 3, 1974	

III. D. 4.

WHEREAS, because the monthly meetings of the Academic Council provide an effective method of communication with the faculty and students;

BE IT RESOLVED, that the Academic Council strongly urges committee chairmen of all UMR standing, administrative, and ad hoc committees to report any action that will affect the faculty and students to the Academic Council meeting following the committee meeting which brought about such action.

ADMINISTRATIONS RESPONSE
TO
ACTIONS APPROVED BY THE
ACADEMIC COUNCIL

AGENDA ITEM III A SEPTEMBER 12, 1974

THE FILES OF THE UNIVERSITY POLICE HERETOFOR HAVE BEEN REFERRED TO AS "INCIDENT FILES OR INFORMATIONAL FILES" AND THIS TERM PROBABLY NEEDS CLARIFICATION.

AN "INCIDENT FILE" IS AS THE NAME IMPLIES A FILE OF INCIDENTS AND EACH OF THOSE INCIDENTS ARE CROSS REFERENCED TO A FILE CARD INDICATING THE NAME OF A PERSON THAT WAS ASSOCIATED WITH THAT INCIDENT.

I HAVE REVIEWED THE ENTIRE FILE OF SOME 2,000 INCIDENTS RECORDED DURING THE PAST 5 YEARS AND FIND THAT FACULTY MEMBERS ARE MENTIONED IN 23 INCIDENTS AND OF THOSE 23 INCIDENTS 16 REFER TO ONE MEMBER, 4 REFER TO TWO MEMBERS AND 3 REFER TO THREE OR MORE MEMBERS.

THE NEXT LOGICAL QUESTION IS HOW IS THE "INCIDENT FILE" GENERATED? IT IS AND CAN BE GENERATED ONLY BY A REQUEST MADE OF OR DATA FURNISHED TO THE UNIVERSITY POLICE, IE, A REPORT OF THEFT OF EXAMPLE OR A REPORT FURNISHED BY ANOTHER AGENCY.

THE "INCIDENT FILES" ARE CONSIDERED ACTIVE ONLY DURING THE FISCAL YEAR IN WHICH THE INCIDENT OCCURRED. THE ACTIVE INCIDENT FILES ARE RETIRED TO INACTIVE STATUS AND DISPOSED OF AT THE END OF A FOUR RETENTION PERIOD.

THE "INCIDENT FILES" COVER ACTIVITIES ASSOCIATED WITH THE UNIVERSITY COMMUNITY AND THE INFORMATION IS RETAINED TO SERVE THE INTERESTS OF THE UNIVERSITY. THESE INCIDENT FILES DO NOT REPRESENT, EITHER INTENDED OR IMPLIED, AN INDIVIDUAL INTELLIGENCE FILE.

I HAVE TAKEN THE LIBERTY IN WHAT I FELT WAS IN THE BEST INTEREST TO ACT IN YOUR BEHALF IN THE PREPARATION OF THIS RESPONSE AND I RESPECTFULLY REQUEST THAT THE COUNCIL RECEIVE AND APPROVE THIS RESPONSE AND REMOVE THIS ITEM FROM THE COUNCIL'S AGENDA.

10-C-152

University of Missouri - Rolla



CIVIL ENGINEERING

September 12, 1974

Civil Engineering Bldg.
Rolla, Mo. 65401

Telephone
314 341-4461

Memorandum to: The Academic Council

From: The Budgetary Affairs Committee

RE Cost for University Police - March 7, 1974, III, 8.9
Cost for KUMR - August 22, 1974, IV, 1.1

At its September 9, 1974, meeting the Budgetary Affairs Committee considered the two above referenced items and took the following actions.

1. Cost for University Police

The committee considered the interim report submitted on May 24 by the ad hoc subcommittee which had been appointed to study this matter. Recognizing that the initial subcommittee, appointed in April, did not have adequate time to study this matter fully and that several items considered by the committee relevant required further attention, the committee appointed a new ad hoc subcommittee to evaluate the interim report and provide additional information. The subcommittee composition is: D.E. Day, chairman, A.G. Haddock, J.D. Wollard and J.L. Zakin, members.

2. Cost for KUMR

The Committee has reviewed the position paper submitted on May 21 by the Ad Hoc Committee on Learning Resources and is returning this paper and appendices to the Academic Council without comment.

A handwritten signature in cursive script, appearing to read "Sotirios G. Grigoropoulos".

Sotirios G. Grigoropoulos
Chairman, Budgetary Affairs Committee

SGG:ac

University of Missouri - Rolla



SCHOOL OF ENGINEERING
DEPARTMENT OF CHEMICAL ENGINEERING

A. Chemical Engr. Bldg.
Rolla, Mo. 65401

Telephone
314 341-4420

IV-0-2

September 6, 1974

Memorandum To: Academic Council

From: Chemical Engineering Department

Re: Revised Draft of a Promotion and Tenure
Procedure and Policy

The Chemical Engineering Department offers the following amendments to the Revised Draft of a Promotion and Tenure Procedure and Policy.

- Amendment 1. Amend the PROCEDURES FOR PROMOTION AND TENURE RECOMMENDATIONS to delete item I. C.
- Amendment 2. Amend the FORMAT FOR TENURE AND/OR PROMOTION RECOMMENDATION to delete item IV. 4 and 5.

IV E-1

University of Missouri - Rolla



SCHOOL OF ENGINEERING
MECHANICAL AND AEROSPACE ENGINEERING

Telephone
314 341-4661

129 Mechanical Eng Bldg
Rolla Mo 65401

3 September 1974

TO: Members of the Academic Council
FROM: Ralph E. Schowalter, Chairman
Rules, Procedures and Agenda Committee
RE: Academic Council Committee Election

At the meeting of the Academic Council, the following names will be placed in nomination for the Facilities Planning Committee (4.517).

CROWLEY, Robert E.
ZIEMER, Rodger E.

A ballot will be circulated at the September 12, 1974 Academic Council Meeting.

Ralph E. Schowalter

4.517 FACILITIES PLANNING
COMMITTEE

_____ Robert E. Crowley

_____ Rodger E. Ziemer

4.524 STUDENT SCHOLASTIC
APPEALS COMMITTEE

_____ Donald R. Askeland

University of Missouri - Rolla

IV-B-1 a



325 Mathematics - Computer Science Building
Rolla, Mo. 65401

COMPUTER SCIENCE DEPARTMENT
September 27, 1974

Telephone
314 341-4491

Memo To: Academic Council

From: Admissions and Academic Standards
Committee

Re: Final Grades for Graduating Seniors

In response to the referral of the memorandum from Bob Lewis to the Academic deans, May 21, 1974, our committee has met and approved the following procedure for recommendation to the Academic Council.

Members of this faculty shall be required to report tentative grades on all graduating students on Monday prior to commencement. The tentative grade can not be lowered at the end of the semester or changed to an incomplete grade.

An incomplete grade can be given.

TBB/tjn

cc

IV - B 1

I will introduce the following as an amendment to the Admissions and Academic Standards Committee recommendation on Final Grades for Graduating Seniors.

No tentative grades will be given at the University of Missouri-Rolla. All students working toward a degree must complete the course work required before he receives a grade. Graduating seniors who wish to end their last semester early should make arrangements to do so with the instructors involved on an individual basis. However, every student should realize that shortening the length of the semester reduces the quality of education at UMR for him and all other students.

Mike Patrick

PROPOSED AMENDMENT TO FRESHMAN ADMISSION POLICY

We move that the official policy for admission of first-time freshmen to the University of Missouri be amended or revised by inserting the following statement as a subparagraph following the words, "...percentile ranks are summed." (Page 2, Official Policy)

A Missouri student, graduate of an accredited high school, is admissible if he ranks in the upper one-half (50th percentile or above) of his high school class, without reference to test scores. Test scores are required for enrollment and placement purposes.

And by substituting the following statement: (Page 2)

A Missouri student, graduate of an accredited high school, who ranks in the lower one-half of his high school class, is admissible if the sum of his two percentile ranks is 75 or greater.

for the statement:

A Missouri student is admissible if the sum of his two percentile ranks is 75 or greater.
(See Test Score and Class Rank Table).

The amendment, if approved, would admit Missouri students who rank in the upper one-half of their class without requiring a test score. The present policy would then apply to all those who ranked in the lower one-half of their high school class.

University of Missouri - Rolla



LEARNING RESOURCES

February 12, 1974

Memorandum To: Dr. J. C. Pogue

From: Dr. George Schowengerdt

RE: CREDIT BY EXAMINATION

The University of Missouri - Rolla has a long history of granting credit by examination based on a variety of national and locally constructed tests. Since 1971, UMR has utilized the College Entrance Examination Board's Advanced Placement (AP) and College Level Examination Programs (CLEP) as a basis for granting credit by examination.

In consideration of the fact that an effort is being made to develop a consistent credit by examination policy for all four campuses of the University, it was decided to review UMR's present policy prior to printing new brochures. The attached memorandum was sent to the department chairmen on November 2, 1973, suggesting the adoption of the policy under consideration for use by all four campuses. In addition, we offered to obtain inspection copies of the examinations for any department requesting them. The inspection copies that were requested have been reviewed and no objections have been received to the proposed policy.

Therefore, I respectfully recommend that UMR adopt the following credit by examination policy to become effective June 1, 1974.

- A. Level of Student. Credit via the CLEP General Examinations may be earned up to sophomore status (30 or more semester hours of acceptable credit). Credit via the CLEP Subject Examinations may be earned up to senior standing (90 or more semester hours of acceptable credit).
- B. Cutoff Scores. For the CLEP General Examinations, the minimum acceptable score for credit on any test or sub-test is the 50%ile on sophomore norms. The 50%ile on sophomore norms is the cutoff score for each subject examination. For the AP examinations, a score of 3, 4 or 5 is required for credit to be awarded.
- C. Repeating of Course by Examination. If a course has been attempted earlier, credit by examination (E.G., via the CLEP Subject Examinations) is not allowed.

*Cr by Exam
IV-B-4*

or audited

*How about D.
y/s*

Page 2

Memo To: Dr. J. C. Pogue

February 12, 1974

D. Minimum Uniform Recording of Credit by Examination. To facilitate the transfer of credit by examination, each campus is to record the following minimum information on a student's permanent academic record when credit by examination has been awarded:

1. CLEP or AP Name of Examination.
2. Earned Score(s).
3. Date of Score Report.
4. Hours of Credit Awarded.

E. Credit earned for examinations for which there is no UMR course equivalency will be handled as if the course were transferred from another accredited institution.

These recommendations have been taken from Vice President Unklesbay's July 3, 1973, memorandum to the University Cabinet (copy attached) with the exception of "E" which we have found to be an effective way of handling credit for examinations for which UMR has no course equivalency.

I would be pleased to be of whatever assistance I can in the consideration of these recommendations. If changes are made in our credit by examination policy, it will be necessary to have as much lead time as possible for the printing and distribution of brochures to faculty, high school counselors and students.



GS/lku

Attachments

cc: Dean J. Stuart Johnson
Dean Ted Planje
Dean Adrian Daane
Dean Ed Lorey
Department Chairmen
Mr. Bob Lewis
Dr. Jim Tracey

IV - C
 Tommie Wilson is calendar committee
 (Big monster) Chairman

Fall Semester 1976

Freshman orientation Aug. 17, Tues.
 Freshman & Transfer student orientation Aug. 18, Wed.
 Student registration 8:15 a.m. - 4:30 p.m. Aug. 19, Thurs.
 Registration ends 3:00 p.m. Aug. 20, Fri.
 Classwork begins 7:30 a.m. Aug. 23, Mon.
 Labor Day Holiday Sept. 6, Mon.
 Mid-Semester Oct. 15, Fri.
 Thanksgiving vacation begins 7:30 a.m. Nov. 24, Wed.
 Thanksgiving vacation ends 7:30 a.m. Nov. 29, Mon.
 Last class day Dec. 10, Fri.
 Reading Day Dec. 11, Sat.
 Final examinations begin 8:00 a.m. Dec. 13, Mon.
 Final examinations end 5:30 p.m. Dec. 18, Sat.
 Fall semester closes 5:30 p.m. Dec. 18, Sat.
 Fall commencement Dec. 19, Sun.

Spring Semester 1977

Student Registration 8:15 a.m. - 4:30 p.m. Jan. 10, Mon.
 Registration ends 3:00 p.m. Jan. 11, Tues.
 Classwork begins 7:30 a.m. Jan. 13, Thurs.
 Mid-semester Mar. 5, Sat.
 Spring recess begins 7:30 a.m. Mar. 17, Thurs.
 Spring recess ends 7:30 a.m. Mar. 21, Mon.
 Easter vacation begins 7:30 a.m. Apr. 8, Fri. Apr 4
 Easter vacation ends 7:30 a.m. Apr. 13, Wed. Apr 11
 Last class day May 6, Fri.
 Reading day May 7, Sat.
 Final examinations begin 8:00 a.m. May 9, Mon.
 Final examinations end 5:30 p.m. May 14, Sat.
 Spring semester closes 5:30 p.m. May 14, Sat.
 Annual commencement May 15, Sun.

Summer Session 1977

Registration June 6, Mon.
 Classwork begins 7:00 a.m. June 7, Tues.
 Independence holiday July 4, Mon.
 Summer session closes 12:00 noon July 30, Sat.

<u>Class Sessions</u>		M	T	W	T	F	S
(Excluding examinations)	Fall	15	16	15	15	15	14
	Spring	15	15	16	16	15	14
	Summer	6	8	8	8	8	8

Note: For the St. Louis Graduate Center, all class sessions/holidays/examinations commence at 4:00 p.m. and end at 10:00 p.m. in lieu of the 7:30 a.m. and 5:00 p.m. above. Registration times and dates to be announced later.

IV-D 2a4

University of Missouri - Rolla



ACADEMIC COUNCIL

September 27, 1974

MEMORANDUM TO: Academic Council Members
FROM: Lon Pearson, Secretary
RE: Cost and Need Study of KUMR

After reviewing the minutes of the August 22, 1974 meeting of the Council and examining the charge made to the Budgetary Affairs Committee, the Chair feels that there is some confusion to what the charge was to this committee regarding the cost and need study of KUMR.

The enclosed packet includes a history of the Council activities and resolutions dealing with KUMR. Hopefully, this material will help satisfy the charge.

The original report, "A Cost and Need Study", made by the ad hoc Learning Resources Committee is extensive, too bulky to duplicate, and is of negligible value to individual Council members. Two copies are on file with the Secretary and Chairman if anyone would like to review it.

A handwritten signature in cursive script that reads "Lon Pearson".

Lon Pearson
Secretary

LP:njj

JAMES POGUE'S MOTION

IV. D. 2b

REPORT ON COST AND NEED FOR KUMR (AND ITV AND AUDIO-VISUAL FACILITIES)

I move that the report prepared by the ad hoc committee to investigate the campus Learning Resources and to prepare a position paper on the need and funding of ITV, KUMR (FM), and audio-visual facilities be referred to the Budget Committee for its review and report back to the Council.

III,8 William Snow made a motion that the Budgetary Affairs Committee
.9 appoint an ad hoc committee to investigate both the cost and the
need for the University Police. Carol Smith asked if both watch-
men and policemen are included in the figures of cost provided by
the Business Office. Mr. Wollard replied that they are. Motion
was seconded and passed.

IV-D-

3/7/74
Dr. Snow requested that a similar committee be set up to investi-
gate the cost and need for radio station, KUMR. The motion was
seconded. After discussion the motion was passed.

In the discussion of the KUMR committee, several points were
raised: (a) If KUMR is to serve as a means of state-wide com-
munication, why is it not budgeted through University-Wide of-
fices? (b) If individual programs such as KUMR must justify
their mission to the Resources Committee, is there faculty repre-
sentation on this committee? Response: Yes. (c) What good are
budget figures if they are simply presented without further ex-
planation or justification?

III,10 Hank Sauer also responded to the resolution on the cost and
.6 need for KUMR.

4/18/74
It was noted that Jim Pogue had recently appointed a committee
to study the cost and need of all "Learning Resources", at UMR.
Since KUMR falls under this heading, Hank's group declined to
appoint a special subcommittee for the Agenda Item.

It was moved that the Dean of Faculties share the report of
the Learning Resources Committee with the faculty. Motion
was seconded and carried.

III,11 Jim Pogue was recognized to comment on the Learning Resources
.5 Committee. He stated the report of this committee could affect
the budget for 1975-76 which will be defended at U-Wide on July 1.
He may thus need help from the Executive Committee in acting on
the report from the Learning Resources Committee prior to the
July 1 date.

5/2/74
IV,1 Jim C. Pogue moved that the cost and need study of KUMR, ITV,
.1 and Learning Resources be referred to the Budgetary Affairs
Committee along with the ad hoc Learning Resources Committee
Report. Adrian Daane seconded and the motion carried.

8/22/74
IV,2 Concerning the August 22, 1974 resolution (IV,1.1) to study
.2b the cost of KUMR, Grigoropoulos stated:

9/12/74
"The Committee has reviewed the position paper
submitted on May 21 by the Ad Hoc Committee on
Learning Resources and is returning this paper
and appendices to the Academic Council without
comment."*

Grigoropoulos moved "no comment" be accepted as a report; motion
was seconded. This controversial report was discussed with
mixed reactions, though Grigoropoulos and Glen Haddock, both
members of the committee, insisted that the group's decision
of "no comment" was not "capricious".

After Al Bolon moved to table the report, the Council voted to
table the KUMR report of the Budgetary Affairs Committee until
the October 10, 1974 meeting of the Council.

Carol Ann Smith made a motion to reconsider the report (for the
purpose of deleting it from future dockets). Seconded, Smith's
motion for reconsideration was defeated by the Council.



GRADUATE CENTER FOR MATERIALS RESEARCH
SPACE SCIENCES RESEARCH CENTER

"received"
[accepted]

October 7, 1974

Memorandum to: Dr. S. G. Grigoropoulos

From: Subcommittee on Cost of University Police

As directed by the Budgetary Committee, the subcommittee undertook a study of the staffing and budget of the University Police Department. In our study, the allocation of university resources was compared with the functions of this department as required by U-wide, state and federal statutes, and insurance regulations.

The concern of the Budgetary Committee and individual faculty members over the rapid growth of this department is understandable since during the past decade the budget has grown from \$38,960 to \$264,788 and personnel has increased from 10 to 26 persons. However, it must be borne in mind that a decade ago UMR had a bare minimum in security personnel which could hardly be considered adequate under modern day conditions.

After careful study the subcommittee has come to the following conclusions

1. Present staffing is not considered excessive.
2. Under present conditions there is no apparent need for further increases in budget or personnel.
3. The number of watchmen provided for building security is small. During the past decade there has been nearly a two-fold increase in the area of buildings to be patrolled, but there has been no increase in the number of watchmen. Consideration should be given to improving building security perhaps by the redirection of the work of the present staff.

The subcommittee believes that its work is completed.

Respectfully submitted,
Glen Haddock
Joe Wollard
J. Zakin
Del Day, Chairman



CIVIL ENGINEERING

October 8, 1974

Memorandum to: The Academic Council

From: The Budgetary Affairs Committee

RE Cost for University Police - March 7, 1974, III, 8.9
 Cost for KUMR - August 22, 1974, IV, 1.1
 Cost and Need for KUMR - March 7, 1974, III, 10.6

At its October 7, 1974, meeting the Budgetary Affairs Committee considered the above referenced items and took the following actions.

1. Cost for University Police

The Committee received, considered and approved the report prepared by the Ad-Hoc Subcommittee on University Police (copy attached). The Committee submits this report to the Academic Council in fulfillment of the charge "Cost for University Police - March 7, 1974, III, 8.9" and will move that it be received by the Council.

2. Cost for KUMR

The Committee believes that its action of returning the position paper submitted on May 21, 1974, by the Ad-Hoc Committee on Learning Resources and appendices to the Council without comment was appropriate, and will move that its "no comment" report be received by the Council in fulfillment of the charge "Cost for KUMR - August 22, 1974, IV, 1.1."

3. Cost and Need for KUMR

Motion
 The committee recognizes that the original charge "Cost and Need for KUMR - March 7, 1974, III, 10.6" has not in effect been answered, and that the "need" aspect might be the prime concern of the Council members. If it is the desire of the Council, the Committee will undertake to examine: (a) the budget level for this station and sources of funding; (b) the operation (if feasible) of other appropriately selected stations in order to develop cost/benefit background information; (c) the present staffing level, including its character and adequacy for the task performed; (d) the feasibility of operation at a reduced budget level and effect on station output. A decision on whether the station should be continued (the "need" aspect) cannot be based on budgetary concerns alone, and consequently should receive consideration by the total Council membership.

Sotirios G. Grigoropoulos

Sotirios G. Grigoropoulos
 Chairman, Budgetary Affairs Committee

SGG:ac

WHEREAS, national averages indicate that libraries are budgeted at three per cent of the individual university's budget;

WHEREAS, the American Library Association recommends that a library be budgeted at five per cent of the university's budget;

THEREFORE, BE IT RESOLVED, that a \$150,000 budgeting level for the Library in 1976-76, representing approximately one per cent of the UMR budget, is a realistic goal;

AND FURTHER, BE IT RESOLVED, that for 1974-75 an additional \$40,000 for periodical subscriptions and an additional \$10,000 for book acquisitions should be added to the Library budget of \$73,500 to enable the Library to maintain its 1973-74 level of subscriptions and acquisitions.

LIBRARY BUDGET

*to be summarized
(will get it to you to do)*

Analysis of 1973-74 Budget and Expenditures

1973-74	Budget	70,000.00
	*Additional Income (December 1973)	40,000.00
	Additional Income (June 1974) (year end special funds)	30,000.00
	Total Income	140,000.00

This amount (40,000) was left over from 1972-73 - not part of regular budget - came from special funds not available for 1974-75

1973-74	Expenditures	
	Periodicals, standing orders, binding (78%)	109,280.00
	Books (Reference, faculty requests, general reserve) (22%)	30,720.00
	Total Expenditure	140,000.00

Budget 1974-75

	Expenditures	
	Subscriptions, standing orders, binding	109,280.00
	Inflationary costs (7%)	7,649.00
		116,929.00
	Budget as of 1974-75	73,500.00
	Deficit	(43,429.00)

proportionately of total Budget
TENTATIVE PROPOSAL FOR 1974-75
 (using the same percentages as above)

(1)	Periodicals/Standing Orders** (This is 78% of 73,500) (This will be 1146 periodicals @ 50.00)	57,840.00
(2)	Books (22%) (faculty requests - based on 600.00 per dept, 18 departments) (AVG. Book 25.00 equal 432 books)	10,800.00
(3)	Binding (AVG. 5.00 per title - 1072 titles)	5,360.00
		73,500.00

**
 If any additional funds are received during 1974-75 this would be used to purchase periodicals and standing orders cancelled and the balance of faculty book requests.

POLICIES AND PROCEDURES FOR PROMOTION
AND/OR TENURE RECOMMENDATIONS

V G-2
re/revise

I. General

A. The guidelines for all policies and procedures affecting recommendations for promotion and/or tenure shall fall within the principles, policies, and procedures set forth in Policy Memorandum #16, revised October 26, 1973, and the University Academic Tenure Regulations, dated March 17, 1972.

B. All University and/or campus-wide restrictions not covered in IA shall be made available to the faculty at the beginning of each academic year.

II. Procedure

A. Department Level

1. Recommendations for promotion and/or tenure for persons holding rank in an academic department will be initiated in that department.

2. There shall be a Departmental Review Committee (DRC) which shall be chosen annually in a manner determined by a vote of the department faculty. The Department Chairperson may be a member of the DRC. No faculty member may serve on the DRC when his/her own review is under consideration.

3. Each department will prepare its own departmental review procedure and shall establish criteria for granting promotion and/or tenure, and shall make the procedures and criteria available to faculty in the

Summary of the Library Budget for 1974-75

The Library Budget for acquisitions and periodicals for 1974-75 of \$73,500 represents a reduction in funding of \$43,429 in comparison with 1973-74. This will mean that periodical orders will have to be reduced by approximately 48% and book orders will have to be reduced by 66%. According to Earl Randolph, Librarian, as many as 500 periodicals may have to be canceled.

department at the beginning of each academic year.

4. All evidence relevant to a recommendation for promotion and/or tenure shall be directed to the DRC.

5. The initiative may be taken in the review process by an individual department member, the department chairperson, or by the DRC itself.

6. The files on candidates as assembled by the DRC shall at all times be available to the individual, to the department chairperson, and to the appropriate review committees at the school/college and campus levels.

7. After reaching its conclusions, whether favorable or unfavorable, the DRC shall immediately advise all candidates and his/her Department Chairperson in writing of its action. An unfavorable action requires in addition a written justification from the DRC directed to the candidate with a copy to his/her Department Chairperson.

8. Before forwarding its recommendations to the S/CRC, the DRC shall allow at least one week after notification for candidates to appeal its decision.

9. All favorable recommendations of the DRC along with all documentation(s) shall be forwarded to the School/College Review Committee (described in Section I B(1)) through the department chairperson who may make attachments but shall not in any way change the recommendations of the DRC.

B. School/College Level

1. There will be a School/College Review Committee (S/CRC) composed of one member elected from each department faculty in the School or College. The Dean of the School or College shall be an ex-officio member of the S/CRC
2. Each School/College shall establish procedures and criteria for reviewing departmental recommendations for promotion and/or tenure received from the Departmental Review Committees along with attachments made by department chairpersons. These procedures and criteria shall be made available to faculty in the School/College at the beginning of each academic year.
3. All files relevant to a recommendation for promotion and/or tenure that were assembled in the respective departments shall be placed in the office of the Dean of the School/College until the final decision on the recommendation has been made by the Chancellor.
4. After reaching its conclusions, whether favorable or unfavorable, the S/CRC shall immediately advise all candidates and the appropriate Department Chairperson in writing of its actions. An unfavorable action requires a written justification from the S/CRC to the candidate with a copy of his/her department chairperson.
5. Before forwarding its recommendations to the Campus Review Committee (CRC) described in Section

I C(1) the S/CRC shall allow at least one week after notification for candidates to make an appeal from its decision.

6. All favorable recommendations of the S/CRC along with the appropriate forms shall be forwarded to the Campus Review Committee through the Dean of the School/College who may make attachments but shall not in any way change the recommendations of the S/CRC.

C. Campus Level

1. There will be a Campus Review Committee (CRC) consisting of the Deans of each School/College, The Dean of Faculties as ex-officio member, one faculty member from each School/College elected from the School/College Review Committee, and the Chairperson of the Academic Council Personnel Committee.

2. The CRC shall ascertain that all procedures and criteria used within the respective Schools/Colleges conform to the general guidelines listed in Section I.

a. If the procedures and criteria used within the respective Schools/Colleges conform to the general guidelines, the CRC shall forward the S/CRC's recommendations to the Chancellor through the Dean of Faculty who may make attachments. The CRC and the Dean of Faculty shall not change in any way the recommendations of the respective S/CRC's.

Moved by
Carol Ann
24 Oct 74

b. If the procedures and criteria used within the respective Schools/Colleges do not conform to the general guidelines, the CRC shall demand that the School/College act to conform to the general guidelines. The CRC must indicate in writing specifically what action the School/College must take. The CRC should, however, take care that an individual faculty member's recommendation for tenure or promotion is not jeopardized. Before forwarding its conclusions to the Chancellor, the CRC shall allow at least one week after notification for the School/College to appeal its decision.

3. After reaching its conclusions, whether favorable or unfavorable, the CRC shall immediately advise all candidates, the S/CRC, the Dean of School/College, the D/RC, and the department chairperson of its action in writing. An unfavorable action requires, in addition, a written justification from the CRC.

D. The Chancellor

1. After receipt of conclusions from the Campus Review Committee of all recommendations for promotion and/or tenure along with attachments made by the Dean of Faculties, the Chancellor shall inform, in writing, (a) the Campus Review Committee of his/her decision and (b) the individual faculty member of the action in his/her case. The Chancellor shall allow at least one week after notification for any appeals.

3. It is understood that the final decision lies with the Chancellor and that all recommendations for promotion and/or tenure of a faculty member forwarded to the President from the campus shall be exclusively his/her prerogative.

October 10, 1974

IV-6-2
Mason
brought
up

C. Campus Level

1. There will be a Campus Review Committee (CRC) consisting of the Deans of each School/College, the Dean of Faculties as ex officio member and chairman, one faculty member from each School/College elected from the School/College Review Committee, and the Chairperson of the Academic Council Personnel Committee.
2. The CRC shall establish procedures and criteria for reviewing recommendations brought to it by a School/College Review Committee along with any attachments made to these recommendations by any School/College Dean.
3. The CRC shall invite the Dean of the Graduate School to make recommendations for tenure and/or promotion for those candidates who devote a substantial portion of their effort to reseach.
4. The CRC shall invite the Dean of Extension to make recommendations for tenure and/or promotion for those candidates who devote a substantial portion of their effort to Extension teaching.
5. After reaching its conclusions, whether favorable or unfavorable, the CRC shall immediately advise all candidates and his/her Dean and Department Chairperson of its action in writing. An unfavorable action requires, in addition, a written justification from the CRC

directed to the candidate with a copy to his/her Dean and Department Chairperson.

6. Before forwarding its recommendation to the Chancellor, the CRC shall allow at least one week after notification for candidates to appeal its decision.

7. All favorable recommendations of the CRC shall be forwarded to the Chancellor through the Dean of Faculties who may make attachments, but shall not in any way change the recommendations of the CRC.

University of Missouri - Rolla



College of Arts and Sciences
DEPARTMENT OF CHEMISTRY

September 26, 1974

142 Chemistry Bldg.
Rolla, Missouri 65401

Telephone
314 341-4420

IV. H. 1

never
gotten to
basically
refer

MEMO TO: Rules, Procedure, and Agenda Committee

FROM: Louis Biolsi

RE: Outside Door Keys

I would like to have you refer the apparent overrestriction on outside door keys to the Traffic Safety Committee, asking them to examine this policy and report to the Academic Council either their support of the present policy or their recommendations for change.

A handwritten signature in cursive script that reads "Louis Biolsi".

Louis Biolsi

LB:lf



UNIVERSITY OF MISSOURI-ROLLA

College of Arts and Sciences


Department of Social Sciences

Humanities—Social Sciences Bldg.
Rolla, Missouri 65401
Telephone (314) 341-4821

November 25, 1974

Memorandum

To : Lon Pearson
From : Curt Adams
Re. : Sub-Committee on Security-Traffic Safety



The Sub-Committee on Security met on November 18th, and discussed the problem of outside Keying of buildings. After reviewing the comments and suggestions from the Dean, Department Chairman and other administrative heads the following recommendation was unanimously passed to present to the Traffic Safety Committee.

It is our recommendation that the administrative person in charge of a building be allowed to designate those outside doors which they wish to be cored for outside entrance. This could be one door (as it is presently) or all outside doors, if they deem this necessary, with the exception that if there exist multi-doors at the same entrance, only one of these doors be cored.

cc.: Chancellor Bisplinghoff
Joseph D. Wollard
Chief Kelly Gibbons

CHA/prs

V. A

Never gotten to

University of Missouri - Rolla



College of Arts and Sciences
DEPARTMENT OF CHEMISTRY

September 26, 1974

142 Chemistry Bldg.
Rolla, Missouri 65401

Telephone
314 341-4420

Memorandum to: Rules, Procedure, and Agenda Committee

From: Louis Biolsi

Re: Parking Regulations

I would like to offer the following resolution for a vote at the next Academic Council meeting; "The Academic Council finds the present parking policy at UMR unacceptable and instructs the Traffic Safety Committee to formulate an acceptable policy, report such a policy back to the Academic Council, and obtain the approval of the Academic Council for this new policy by a majority vote before its implementation.

LB:dms

October 24, 1974

POLICIES AND PROCEDURES FOR PROMOTION
AND/OR TENURE RECOMMENDATIONS

1 I. General

2 A. The guidelines for all policies and procedures affect-
3 ing recommendations for promotion and/or tenure shall fall
4 within the principles, policies, and procedures set forth in
5 Policy Memorandum #16, ^{or its equivalent} revised October 26, 1973, and the
6 University Academic Tenure Regulations, dated March 17, 1972.

7 B. Any additional University and/or campus-wide guide-
8 lines not covered in I.A shall be made available to the faculty
9 at the beginning of each academic year.

10 II. Procedure

11 A. Department Level

12 1. Recommendations for promotion and/or tenure for
13 persons holding rank in an academic department will
14 be initiated in that department.

15 2. There shall be a Departmental Review Committee
16 (DRC) which shall be chosen annually in a manner
17 determined by a vote of the department faculty. The
18 Department Chairperson may be a member of the DRC.

19 [No faculty member may serve on the DRC when his/her
20 own review is under consideration.

21 3. Each department will prepare its own departmental
22 review procedure and shall establish criteria for
23 granting promotion and/or tenure, ^{conforming to the general guidelines} ~~and~~ shall make the
24 procedures and criteria available to faculty in the
^{listed in I; it}

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department at the beginning of each academic year.
4. All evidence relevant to a recommendation for promotion and/or tenure shall be directed to the DRC.
5. The initiative may be taken in the review process by an individual department member, the department chairperson, or by the DRC itself.
6. The files on candidates as assembled by the DRC shall at all times be available to the individual (with the exception of confidential material), to the department chairperson, and to the appropriate review committees at the school/college and campus levels.
7. After reaching its conclusions, whether favorable or unfavorable, the DRC shall immediately advise the department chairperson who will then formulate the promotion and tenure recommendations to be made by the department. The DRC may make attachments to the chairperson's recommendation before it leaves the department if the recommendation of the DRC and the recommendation prepared by the department chairperson differ in any respect. All candidates will be advised in writing of the action taken by the DRC and the department chairperson with respect to their candidacy. An unfavorable action requires, in addition, a written justification from the department chairperson directed to the candidate.

*to be in
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unnecessary
deleted*

change

change

all candidate will be informed as to whether they will be considered one week prior to the ~~the~~ published meeting of the DRC

52 8. Before forwarding the recommendations to the
53 S/CRC, the department chairperson shall allow at
54 least one week after notification for candidates
55 to respond.

56 9. All favorable recommendations from the department
57 along with all documentation and attachments shall
58 be forwarded by the Department Chairperson to the
59 School/College Review Committee (described in Section
60 II.B.1).

61 B. School/College Level

62 1. There will be a School/College Review Committee
63 (S/CRC) ^{[including] defeated} ~~composed of~~ one member elected from each
64 department faculty in the School or College. The
65 Dean of the School or College ^{shall also} ~~may~~ be a member of the
66 S/CRC.

67 2. Each School/College shall establish procedures
68 and criteria for reviewing departmental recommenda-
69 tions for promotion and/or tenure received from the
70 departments along with any attachments. These
71 procedures and criteria shall be made available to
72 faculty in the School/College at the beginning of
73 each academic year.

74 3. All files relevant to a recommendation for
75 promotion and/or tenure that were assembled in the
76 respective departments shall be placed in the Office
77 of the Dean of the School/College until the final
78 decision on the recommendation has been made by the
79 Chancellor.

*new change
was put to agree
with 37* *Juggle these*

80 54. After reaching its conclusions, whether favorable
81 or unfavorable, the S/CRC shall immediately advise
82 the Dean of the School or College. The Dean of the
83 School or College will then formulate the promotion
84 and tenure recommendations to be made by the School
85 or College. The S/CRC may make attachments to the
86 Dean's recommendation before it leaves the School or
87 College if the recommendation of the S/CRC and Dean
88 differ in any respect. All candidates and the
89 appropriate Department Chairperson will be advised
90 in writing of the actions taken by the S/CRC and the
91 Dean. An unfavorable action requires a written
92 justification from the Dean to the candidate with a
93 copy to his/her department chairperson.

94 65. Before forwarding the recommendations to the
95 Campus Review Committee (CRC) (described in Section
96 II.C.1), the Dean shall allow at least one week
97 after notification for candidates to respond.

98 66. After receipt by the S/CRC of the recommendations
99 from the department chairperson, the S/CRC shall
100 allow one week to receive appeals by any candidate
101 from an unfavorable departmental recommendation.
102 After acting on all appeals, the S/CRC shall then
103 proceed to review all other recommendations from
104 departments.

105 7. All favorable recommendations of the Dean of the
106 School or College along with the appropriate forms
107 and any attachments made by the S/CRC shall be for-

108 warded to the Campus Review Committee by the Dean of
109 the School/College.

110 8. All files used during the review process in the
111 Department and the School/College shall be made
112 available to the CRC.

113 C. Campus Level

114 1. There will be a Campus Review Committee (CRC)
115 consisting of the Chancellor as Chairperson, the
116 Deans of each School/College, the Dean of Faculties,
117 one faculty member from each School/College elected
118 from and by the School/College Review Committee,
119 and the Chairperson of the Academic Council Personnel
120 Committee.

121 2. The CRC shall establish procedures and criteria
122 for reviewing recommendations brought to it by a
123 Dean of a School/College along with any attachments
124 made to these recommendations by the respective
125 School/College Review Committee.

126 3. After receipt by the CRC of the recommendations
127 from the Dean of the School/College, the CRC shall
128 allow one week to receive appeals by any candidate
129 from unfavorable action by a School/College. After
130 acting on all appeals, the CRC shall then proceed
131 to review all other recommendations from a School/
132 College.

133 4. After reaching his/her conclusions, whether
134 favorable or unfavorable, the ^{CRC Chairperson} ~~Chancellor~~ shall
135 [immediately] advise ^{each} all candidates and his/her Dean

Handwritten notes:
- "this is signed" (with a checkmark)
- "CAS" (written vertically)

Handwritten notes:
- "CRC reaches its conclusions" (written over line 133)
- "Newell Tracey subs. (over)" (written over line 133)

*Johnson
the committee's action*

136 and Department Chairperson of his/her action in
137 writing. An unfavorable action shall require a
138 written justification from the ~~Chancellor~~ ^{CRC Chairperson} directed to
139 the candidate with a copy to his/her Dean and
140 Department Chairperson.

141 5. Before forwarding his/her recommendation to the
142 President of the University or the appropriate
143 campus-wide review body, the Chancellor shall allow
144 at least one week after notification for candidates
145 to appeal his/her decision.

Personnel Committee Recommendation regarding: POLICY AND
PROCEDURES FOR PROMOTION AND/OR TENURE RECOMMENDATIONS

Remove lines 121 thru 153 as distributed and replace them as follows:

2. The CRC shall ascertain that all procedures and criteria used within the respective Schools/Colleges conform to the general guidelines listed in Section I.

a. If the procedures and criteria used within the respective Schools/Colleges conform to the general guidelines, the CRC shall forward the S/CRC's recommendations to the Chancellor through the Dean of Faculty who may make attachments. The CRC and the Dean of Faculty shall not change in any way the respective S/CRC's.

b. If the procedures and criteria used within the respective Schools/Colleges do not conform to the general guidelines, the CRC shall demand that the School/College act to conform to the general guidelines. The CRC must indicate in writing specifically what action the School/College must take. The CRC should, however, take care that an individual faculty member's recommendation for tenure or promotion is not jeopardized. Before forwarding its conclusions to the Chancellor, the CRC shall allow at least one week after notification for the School/College to appeal its decision.

University of Missouri - Rolla



DEPARTMENT OF SOCIAL SCIENCES

October 18, 1974

Telephone
14 241-1211

University Social Sciences Bldg
Rolla, Mo. 65801

Memorandum To: Dr. Charles A. Johnson, Chairman, Personnel Committee

From: Erwin Epstein, Chairman, Social Sciences

Re: Policies and Procedures for Promotion/Tenure Recommendations

Upon consulting with the Social Sciences faculty, I strongly urge the following changes in the proposed document on Promotion/Tenure recommendations.

Change II.A.3. to read:

3. Each department will prepare its own departmental review procedures and shall establish criteria for granting promotion and/or tenure. Departmental procedure and criteria will be consistent with the general guidelines established in PH #16, but may elaborate on those principles, policies and procedures. The department shall make the procedures and criteria available to faculty in the department.

or its equivalent

Erwin Epstein

Eliminate II.A.4

Eliminate II.A.5

Change II.A.6. to read:

6. Non-confidential parts of candidates' files shall at all times be available to the individual, department chairperson, and the appropriate review committees at the school/college and campus levels.

Change II.A.7. to read:

7. After the DRC reaches its conclusions, whether favorable or unfavorable, each candidate will be immediately advised in writing of the action taken in his/her case. An unfavorable action requires in addition a written justification to the candidate.

Change II.B.2. to read:

2. The S/CRC shall be responsible for reviewing each case to ensure that the general guidelines shown in Section I have been followed by the departmental review committees.

Eliminate the last sentence of II.C.3.

My justification for proposing these changes is as follows:

II.A.3.

The item is confusing in its original form because it does not distinguish between PM #16 and the department as to who has the responsibility for establishing procedure and criteria.

II.A.4

The previous item gives the department authority to establish review procedure. II.A.4. is contradictory by dictating in part the pattern of that procedure. The department -- not the campus -- is in the best position to formulate procedure for itself.

II.A.5.

The same objection as above. If you wish to guarantee individuals the right to initiate their own cases, then limit the statement to that purpose.

II.A.6.

This item in its original form will violate the confidentiality of evaluators and will make impossible impartial evaluations.

II.A.7.

This item in its original form is another display of unnecessary interference with the department's rightful authority to determine review procedure.

II.B.2.

In its original form this is a most onerous item. A careful reading of the document reveals that the S/CRC is the only review body whose purpose is not given. Without an aim to guide its deliberations, the S/CRC would be highly susceptible to arbitrary action. Is it to make substantive judgments on professional qualifications or assess conformity by the departments to established procedural rules? It should be clearly the latter; only the professionals in the discipline are in a position to judge qualifications on substantive grounds.

II.C.3.

The sentence is repetitious and misleading. II C...b. already provides for what action the School/College must take.

In addition to these items, the name Departmental Review Committee (DRC) should be changed to Departmental Evaluation Committee (DEC) to distinguish its function from those of the S/CRC and the CRC. The DEC should be the only committee to make evaluations on substantive grounds, inasmuch as it is in the exclusive position of possessing professional expertise in the candidate's field. That is, physicists should be the only people who can make judgments on the professional work of candidates in physics, geologists should be the only ones who can do so for geology candidates, etc.

The review committees, on the other hand, should be restricted to a watchdog function. They should be evaluating the evaluative effort of the next lower unit, not the candidates themselves. Hence, the S/CRC should be governed by the question: "Is the nature and amount of the evidence presented by the department on the candidate appropriate, and is the logic used to justify the conclusion persuasive?" In turn, the CRC should assess the work of the S/CRC to determine whether it performed its review adequately -- i.e., whether the S/CRC's standards for judging the nature and amount of evidence and the logic employed in the cases submitted by the DEC were sufficiently rigorous and free of arbitrary considerations. In no instance should the names of specific candidates be a consideration in the deliberations of either review committee. These distinctions should be made explicit and incorporated into the document.

EHE:pgc

cc: Dean Daane
C. Garbacz
D. Ruhland
L. Williams
F. Vivalo
D. Oster
K. Robertson

University of Missouri - Rolla



SCHOOL OF ENGINEERING
DEPARTMENT OF CHEMICAL ENGINEERING

101A. Chemical Engr Bldg.
Rolla, Mo. 65401

Telephone
314 341-4420

September 6, 1974

Memorandum To: Academic Council
From: Chemical Engineering Department
Re: Revised Draft of a Promotion and Tenure
Procedure and Policy

The Chemical Engineering Department offers the following amendments to the Revised Draft of a Promotion and Tenure Procedure and Policy.

- Amendment 1. Amend the PROCEDURES FOR PROMOTION AND TENURE RECOMMENDATIONS to delete item I. C.
- Amendment 2. Amend the FORMAT FOR TENURE AND/OR PROMOTION RECOMMENDATION to delete item IV. 4 and 5.

University of Missouri - Rolla



DEPARTMENT OF ELECTRICAL ENGINEERING

October 29, 1974

123 Electrical Engr. Bldg.
Rolla, Mo 65401

Telephone
314 341-4506

MEMORANDUM TO: Lon Pearson, Secretary
Academic Council

FROM: G. G. Skitek, Chairman
Assemblies, Programs and
Public Occasions (4.513)

RE: Resolution on Dates of Events
for 1975-76 School Year

The Faculty Committee on Assemblies, Programs and Public Occasions presents the following school year 1975-76 dates of events for your approval.

Homecoming	Oct. 17-18.	1975
Parent's Day	Oct. 25	1975
National Merit Day.	Nov. 7-8.	1975
University Day	Nov. 8.	1975
*Commencement (Dec.).	Dec. 21	1975
Challenge '76.	March 6	1976
Science and Engr. Fair	April 2-3	1976
*Commencement (May)	May 9	1976

The Committee also wishes to obtain the Council's feeling on a new event, May Festival, now being studied by the 4.513 Committee.

Title: May Festival

Possible Date: May 1, 1975 (1:00 p.m. - 9:00 p.m.)

General Idea: Bring together, on a beautiful (hopefully) May day, Students, Faculty, Administrators, Staff and the Community for a festive occasion on our beautiful campus mall.

- Purpose-Goals:
1. Recognition of bilateral cooperation between the Rolla Community and the Campus.
 2. An open Campus day to show off our beautiful mall.
 3. Create a closer bond between our Students, Faculty, Administration, Staff and the Rolla Community.

*These dates have been approved through the 1975-76 Calender. Other dates that have been established: Missouri Industry Day - Sept. 23, 1975; District Music Festival - March 22, 1975.

Memo to Lon Pearson
October 29, 1974
Page 2 of 2

- Implementation:
1. Program for recognition of Community-Campus cooperation.
 2. Tours of Campus facilities.
 3. Game booths along the mall (Greek Week idea).
 4. Bi-Centennial tie through costume contest, etc.
 5. Displays of student involvement with community.
 6. Foreign student involvement (costumes, dancing, music, etc.).
 7. St. Pat's Board involvement (knighting of all seniors, etc.).
 8. Several small music groups, group singing and dancing.

Cost: The cost of the proposed event would be quite small since the only cost would be in the area of refreshment and campus preparation. This cost would not be greater than \$500.



G. G. Skitek, Chairman
Assemblies, Programs and
Public Occasions (4.513)

GGS:njj

PROPOSED UMR CALENDAR
1976 - 1977

*Notation to
Klein's calendar*
IV-B

Fall Semester 1976

Freshman orientation.....Aug. 17, Tues.
 Freshman & Transfer student orientation.....Aug. 18, Wed.
 Student registration 8:15 a.m. - 4:30 p.m.....Aug. 19, Thurs.
 Registration ends 3:00 p.m.....Aug. 20, Fri.
 Classwork begins 7:30 a.m.....Aug. 23, Mon.
 Labor Day Holiday.....Sept. 6, Mon.
 Mid-Semester.....Oct. 15, Fri.
 Thanksgiving vacation begins 7:30 a.m.....Nov. 24, Wed.
 Thanksgiving vacation ends 7:30 a.m.....Nov. 29, Mon.
 Last class day.....Dec. 10, Fri.
 Reading Day.....Dec. 11, Sat.
 Final examinations begin 8:00 a.m.....Dec. 13, Mon.
 Final examinations end 5:30 p.m.....Dec. 18, Sat.
 Fall semester closes 5:30 p.m.....Dec. 18, Sat.
 Fall commencement.....Dec. 19, Sun.

Spring Semester 1977

Student registration 8:15 a.m. - 4:30 p.m.....Jan. 10, Mon.
 Registration ends 3:00 p.m.....Jan. 11, Tues.
 Classwork begins 7:30 a.m.....Jan. 13, Thurs.
 Mid-semester.....Mar. 5, Sat.
 Spring recess begins 7:30 a.m.....Mar. 17, Thurs.
 Spring recess ends 7:30 a.m.....Mar. 21, Mon.
 Easter vacation begins 5:30 p.m.....Apr. 2, Sat.
 Easter vacation ends 7:30 a.m.....Apr. 11, Mon.
 Last class day.....May 6, Fri.
 Reading day.....May 7, Sat.
 Final examinations begin 8:00 a.m.....May 9, Mon.
 Final examinations end 5:30 p.m.....May 14, Sat.
 Spring semester closes 5:30 p.m.....May 14, Sat.
 Annual commencement.....May 15, Sun.

Summer Session 1977

Registration.....June 6, Mon.
 Classwork begins 7:00 a.m.....June 7, Tues.
 Independence holiday.....July 4, Mon.
 Summer session closes 12:00 noon.....July 30, Sat.

Class Sessions

(Excluding examinations)		M	T	W	T	F	S
	Fall '76	15	16	15	15	15	14
	Spring '77	15	15	15	15	15	14
	Summer '77	6	8	8	8	8	8

Comparison

	M	T	W	T	F	S
Spring '74	15	15	15	15	15	14
Spring '73	15	15	15	15	15	15
Spring '72	15	15	15	15	15	15
Spring '71	15	15	15	15	15	15

University of Missouri - Rolla



Rolla, Missouri 65401

October 23, 1974

Memorandum To: Professor Gabe Skitek

From: Dr. T.C. Wilson

RE 1976-77 Calendar Revision


The Calendar Committee met today with Representatives of the Student Council, and after much discussion approved the following motion 5 - 1.

Motion: That the Easter Vacation for 1976-77 calendar be changed to read:

Easter Vacation begins 5:00 p.m. Apr. 2, Sat.

Easter Vacation ends 7:30 a.m. Apr. 11, Mon.

The committee would appreciate this be scheduled for the next Academic Council Meeting for their consideration. As usual, I will be available.



T.C. Wilson
Associate Professor of
Petroleum Engineering

TCW:ed

cc: R.B. Lewis
Ken Robertson

October 24, 1974

MEMORANDUM TO: UMR Academic Council
FROM: UMR Curricula Committee
RE: Committee Report No. 2 (1974-75)

The following items have been received and considered by the UMR Curricula Committee. This Committee recommends approval of the following:

I. Changes

A. Course Number

From: AE 461 - Flight Dynamics - Stability and Control
To: M & AE 361 - Flight Dynamics - Stability and Control

B. Course Title and Catalog Description

1. Engineering Management

Present: EM 366
Proposed: EM 366

Present: Marketing Research and Forecasting
Proposed: Sales Management: Control and Research

Present: Market research helps a manager to perform the essential forward planning functions, forecast buyer acceptance of new products, appraise territorial potentials, estimate total market size, determine buyer characteristics, estimate company's market share with an estimated marketing effort, appraise value of competitor's activities, set standards for salesmen and distributors.

Proposed: Course will cover problem analysis, research planning, collecting data, sample selection, obtaining original data, types of analysis, interpreting findings and utilizing results. Also sales analysis, sales forecasting & control, determining market potential by area, setting territories and quotas, examining buyer behavior, controlling sales expense and evaluating salesmen.

C. Course Title, Catalog Description, and Credit Hours

1. Metallurgical Engineering

Present: Met 331
Proposed: Met 331

Present: Metals Heat Treatment
Proposed: Steels and Their Treatment

Present: The heat treating procedures used for iron and steel, including surface hardening, controlled atmospheres, and quantitative hardenability calculations.

Proposed: Industrially important ferrous alloys are described and classified on the basis of composition, properties and applications. The heat treatments applied to these alloys and the effects of the treatments are discussed.

Present: Lecture 2, Lab 1, Total 3

Proposed: Lecture 3, Total 3

D. Department, Course Number, Catalog Description and Credit Hours

1. Metallurgical Engineering → Mining Engineering

Present: Met 245

Proposed: Min 344

Present: Coal Preparation

Proposed: Coal Preparation

Present: Testing methods used in the preparation of coal. Sizing, breaking, cleaning, dewatering of coal, Unit operation and flowsheets.

Proposed: Coal Preparation (Lect. and Lab 3) Coal Properties, sampling, testing, breaking, sizing, cleaning and dewatering. Disposal of refuse.

Present: Lecture 1, Lab 1, Total 2

Proposed: Lecture 2, Lab 1, Total 3

~~III~~ Deletions

A. CE 231 - Hydrology

B. CE 232 - Elementary Fluid Mechanics Laboratory

C. Met 359 - Alloy Steels

~~II~~ III. Additions

A. Ceramic Engineering 270 - Geometric Characterization of Crystal Structures

1. Proposed: Introduction to the use of structural and symmetry notations, calculation of interatomic distances and angles, resolution and summation of interatomic vectors as applied to anisotropic properties, and radial distribution in gases, liquids, and amorphous solids.

2. Lecture 2

3. Prerequisites: Consent of Instructor

B. CE 233 - Hydraulic Engineering and Hydrology

1. Proposed: Continuation of CE 230 and an introduction to Hydrology. The following topics will be emphasized in this course: open channel flow, similitude and dimensional analysis, hydrodynamics, fluid measurements, basic hydrologic concepts, including the unit hydrograph and routing.
2. Lecture and Lab 3
3. Prerequisites: CE 230

C. English 125 - Science Fiction and Fantasy Literature

1. Proposed: A study of short stories, poems, or novels which represent the development and the techniques of the science fiction-fantasy genre.
2. Lecture 3
3. Prerequisites: English 1

D. Metallurgical Engineering 332 - Metals Treatment Laboratory

1. Proposed: The students plan and perform experiments that illustrate heat treating processes and their effects on the properties and structure of commercial alloys.
2. Lab 1

Respectfully submitted,

Harold Q Fuller
Vice-Chairman of
Curricula Committee/
Academic Council

MEMORANDUM TO: Members of the Academic Council
FROM: B. Ken Robertson, Chairman
RE: Procedure

Jim Tracey circulated a memo last year outlining problems in procedure for the handling of reports. To this concern we seem to have added the tabling of motions. Since parliamentary procedure was designed to facilitate action, as opposed to strangling it, I would like to reiterate some of our options. I don't want the Council to become a place where we try to think of new wringles to dumb-found one another, but it might not hurt to have at our fingertips some established rules for dealing with problems.

RECOGNITION AND COURTESY: Technically no one is permitted the floor without formal recognition by the chair, and anyone speaking without that recognition is ruled out of order. Moreover, all remarks must be made to the chair. Obviously these forms have not been followed at all times, nor has the chair insisted upon them. We should continue to enforce recognition, ask that a member stand when speaking, and keep comments to the side to a minimum and at a low volume.

REPORTS:

1. Information reports: Many committee reports simply supply the Council with data of which it should be aware. The committee anticipates no action in the foreseeable future. Discussion is permitted, and if no motions come from the floor, the report is automatically received by virtue of being presented. If the report is a FINAL report, then that item is dropped from the agenda without further motions. If the report is only a partial, or INTERIM report, then the committee has not fulfilled its charge and the item remains on the agenda, once again without further motions from the floor.

MINORITY REPORT: A minority report may be submitted by members of the committee. The reporter for the committee will state that such a report is to be presented separately, and it will be given immediately following the majority report. No action will be taken on the minority report unless there is a motion to substitute it for the majority report.

"MOTION TO RECEIVE": There is no such motion! If, however, a member of the body objects to the presentation of a committee report, prior to its being read, then the chair states "Shall the report be received now?" The question is undebatable, and if the body

votes to "receive" the report, by simple majority, then the report will be read.

MOTION TO ACCEPT (OR ADOPT): After the presentation of a report, any voting member can move to ACCEPT the report. This action not only endorses the report, word for word, but makes the Council assume complete responsibility for it. This motion, then, is equivalent in accountability to any regular motion from the floor.

MOTION FROM THE FLOOR: If the committee has not presented a resolution nor has a motion to accept been passed, any voting member may propose a motion based upon the information given. It may be of the "normal" type, or it may take such forms as declaration of a FINAL report as an INTERIM report, a discharge of committee responsibility if the report is INTERIM, etc. Business proceeds as usual.

2. Information report, plus resolution: In this case the committee not only provides information, but presents a resolution based on that information. If the reporter is a non-voting member, he may request that a voting member enter the resolution from the floor. Minority reports, and possible resolutions based on such a report, may follow immediately as given above. Business, again, as usual.

DISCUSSION AND DEBATE: Frequently the body feels that for all practical purposes the debate and discussion of a question has passed the limits of reason, or has become unnecessarily repetitive. Three things may be done:

"CALL THE QUESTION": The Academic Council has chosen to use an unofficial "parliamentary procedure" as a polite way for a member to call attention to the non-productivity of debate. A CALL OF THE QUESTION has been understood as an invitation to the chair to ask if there is pertinent comment that any member would like to add, and if not, to proceed to vote. Should that fail to solve the difficulty, one may

MOVE THE PREVIOUS QUESTION: If seconded, this motion requires the body to immediately vote, without further debate, the advisability of CEASING DEBATE. If the motion passes, by 2/3 vote, then the body proceeds to vote on the question. The main question, and all amendments are voted on in reverse order.

MOVE TO LIMIT DEBATE: If a member feels that further debate would be advantageous, but that a limited amount of time should be spent, then he may move to limit debate for a set period of time or to a designated hour. The motion may be amended, but is undebatable and requires a 2/3 vote.

MORE DRASTIC DELAYS: Although the Council has the responsibility to do its homework and come prepared to carry out business, the need can arise to gain more time for consideration. In those cases the options become:

MOTION TO TABLE: The proported purpose of this motion is to either gain time to consider the question or enable the assembly to pass to more urgent business. It is to the advantage of the assembly to move quickly in such cases, and thus the motion is undebatable and requires only a majority vote. It does have dangers. It may be used to prevent debate on a debatable motion, and it may be used to suppress a question (since it must be removed from the table at the next opportunity). If the chair feels that it is being deliberately abused to suppress debate, then he may rule that it is so intended. At such a time it attains a rank equivalent to other motions intended to suppress discussion (e.g., Move the Previous Question) and requires a 2/3 vote.

MOTION TO POSTPONE TO A DEFINITE TIME: An alternative to the motion to table is the motion to postpone. This may be a postponement until a certain date, a certain time, or after a certain event. If the business is not completed at the time designated, then it becomes unfinished business for the next meeting. If it is postponed to the next meeting, then it becomes new business. This motion has the advantage over a motion to table in that it enables limited debate, can be amended as to the time for postponement, and is automatically introduced at the time specified. The specific timing of its re-introduction depends upon whether it has been specified as a

GENERAL ORDER: It is considered at the appointed "time" when no question is pending. It cannot be considered at an earlier time, except by RECONSIDERATION or by a 2/3 vote. If postponed to a "date", it is considered after the disposal of the business pending at the time of adjournment, and after questions on the calendar that have not been handled at the previous meeting. Example motion: "...postpone the question to the next meeting (or four o'clock)."

or as a

SPECIAL ORDER: It suspends all rules that interfere with consideration at the specified time. It cannot however supercede motions for adjournment, or special orders made prior to the time (you could not, for example, substitute your "3:00 time" for the "3:00 time" of another special order, nor could you insist that your special order stop debate or action on another special order then under consideration). A 2/3 vote is required for a special order. A postponement will be considered a general order unless it is specified to be a special order, e.g., "I move that the question be postponed and made a special order for...".

MOTION TO POSTPONE INDEFINITELY: The object of this motion is not to postpone, but to reject the main motion without risking a direct vote. It is debatable and requires a majority vote. It cannot be RECONSIDERED if lost. This is a manuever which can be used for those damned-if-you-do-damned-if-you-don't items of business. The item will be removed from the agenda, but it does not die. It may be re-introduced at a later date.

THE FIX-IT MOTION: Occasionally one feels that the action taken by a body simply is wrong. In such a case, one makes a

MOTION TO RECONSIDER: It can be made only on the same day or at the next meeting. It must be made by one who voted with the prevailing side (you may need a friend). It can be made while any other question is pending, but it is taken up after that business is disposed of. It cannot be amended, postponed indefinitely, or referred. If it is tabled or postponed definitely, then the question to be reconsidered goes with it. It is undebatable only when the motion to be reconsidered is undebatable. When debatable it opens to debate the merits of the question to be reconsidered. A majority vote is required, regardless of the vote necessary on the motion to be reconsidered.

RECONSIDERATION cannot be applied to these motions: Adjourn; Take a Recess; Lay on the Table; Take from the Table; Suspend the Rules or Order of Business; Reconsider.

WHEREAS, national averages indicate that libraries are budgeted at three per cent of the individual university's budget;

WHEREAS, the American Library Association recommends that a library be budgeted at five per cent of the university's budget;

THEREFORE, BE IT RESOLVED, that a \$150,000 budgeting level for the library in 1976-76, representing approximately one per cent of the USF budget, is a realistic goal;

AND FURTHER, BE IT RESOLVED, that for 1974-75 an additional \$10,000 for periodical subscriptions and an additional \$10,000

for book acquisitions should be ~~added to the library budget~~ ^{transferred to the library budget from funds} ~~budgeted for University Administration~~ to enable the library to maintain its 1973-74 level of subscriptions and acquisitions.

Harrell
Robert Davis

periodical subscription
yearly is 110,000 yearly



UNIVERSITY OF MISSOURI-ROLLA

College of Arts and Sciences

Department of Social Sciences

Humanities—Social Sciences Bldg.
Rolla, Missouri 65401
Telephone (314) 341-4821

December 5, 1974

Memorandum

To : Dr. Ken Robertson
Chairman
Academic Council

From : Christopher Garbacz
Head,
Economics Section

This is to notify you that David Katz is taking my place as a voting member, at today's Academic Council meeting.

A handwritten signature in cursive script, appearing to read 'Chris', located below the main text of the memorandum.

cc.:
CG/prs

University of Missouri - Rolla



123 Electrical Engr Bldg.
Rolla, Mo. 65401

DEPARTMENT OF ELECTRICAL ENGINEERING

Telephone
314 341 4506

December 3, 1974

MEMORANDUM TO: Lon Pearson, Secretary
Academic Council

FROM: Dr. Rodger E. Ziemer,
Electrical Engineering

RE: Appointment of Proxy

This is to inform you that Dr. Paul D. Stigall will be serving as my proxy for the Academic Council meeting this Thursday, December 5, 1974 at 1:30 p.m.

REZ:njj

cc: Dr. B. K. Robertson

University of Missouri - Rolla



DEPARTMENT OF ELECTRICAL ENGINEERING

December 4, 1974

Telephone
314 341-4506

123 Electrical Engr. Bldg.
Rolla, Mo 65401

MEMORANDUM TO: Lon Pearson, Secretary
Academic Council

FROM: Dr. Norman G. Dillman
Associate Professor

RE: Appointment of Proxy

This is to inform you that Dr. G. G. Skitek will be serving as my proxy for the Academic Council meeting this Thursday, December 5, 1974 at 1:30 p.m.

A handwritten signature in cursive script, reading "Norman G. Dillman", with a horizontal line underneath.

Norman G. Dillman

NGD:def

cc: Dr. B. K. Robertson

University of Missouri - Rolla

DEPARTMENT OF HUMANITIES
January 3, 1975Telephone
314 341-4631MEMO TO: Academic Council
FROM: Lon Pearson

I.

At the January 16, 1975, meeting of the Academic Council, I will move the following recommendation which was approved at the November 25, 1974, meeting of the Security Sub-Committee of the Traffic Safety Committee and at the December 17, 1974 meeting of the full Traffic Safety Committee:

"It is our recommendation that the administrative person in charge of a building be allowed to designate those outside doors which they wish to be cored for outside entrance. This could be one door (as it is presently) or all outside doors, if they deem this necessary, with the exception that if there exist multi-doors at the same entrance, only one of these doors be cored."

II.

REPORT TO THE ACADEMIC COUNCIL FROM THE TRAFFIC SAFETY COMMITTEE

The Traffic Safety Committee has met twice concerning the December 5, 1974 Academic Council charge, which was written up in September 1974 when the new system was first implemented. Since September the campus parking situation has vastly improved. In fact, we have received few, if any, complaints during the October-December period, although we realize now that our decision to continue to enforce parking-lot regulations during the interim session may have been hasty and incorrect.

We have been working on revisions of the parking regulations for next year, but we find it is impossible to please everyone. The reason the rules were changed for this year was to allow the flexibility requested by countless faculty and staff members and students. The new system was both experimental and innovative. It has showed the committee and the campus both good and bad points. What the committee needs is valid, constructive input from the university community. From this input we can solve the dilemma that seems to be present in the minds of a few.

A handwritten signature in cursive script that reads "Lon Pearson".

January 6, 1975

MEMORANDUM TO: UMR Academic Council
FROM: UMR Curricula Committee
RE: Committee Report No. 4 (1974-75)

The following items have been received and considered by UMR Curricula Committee. This Committee recommends approval of the following:

I. Changes

A. Credit Hours

1. Department: Chemical Eng.; 381
Title: Corrosion and Its Prevention
Credit Hours: Present: Lecture 2
Proposed: Lecture 3

B. Prerequisite

1. Department: Chemical Eng.; 367
Title: Systems Analysis
Prerequisites: Present: Math 201; Proposed: ChE 261

C. Catalog Description

1. Department: Electrical; 267
Title: Circuit Analysis II
Description: Present: System and signal representation, Laplace and Fourier transform with applications, convolution, state-space analysis. (EE 265 and Math 258)
Proposed: State space, computer problem solving, large-scale networks, two-port networks, indefinite admittance matrix, approximation theory, introduction to passive and active network synthesis.

D. Course Title and Prerequisite

1. Department: Electrical; 211
Title: Present: Digital Circuits and Systems
Proposed: Digital Systems Design
Description: Present: Logic circuits, multivibrators; binary arithmetic, registers, counters, decoders; organization of digital systems.
Proposed: Same
Credit Hours: Present: Lecture 3
Prerequisites: Present: EE 251 or EE 280 or EE 281
Proposed: EE 63 or EE 281 or EE 289

E. Course Title and Catalog Description

1. Department: Electrical; 61
Title: Present: Fundamentals of Electrical Engineering I
Proposed: Introduction to Circuits

Description: Present: Circuit elements, Kirchhoff's Laws, network theorems and mesh and nodal analysis. Transient and complete response of RL, RC, and RLC circuits. (Math 21)

Proposed: Circuit elements, signals, network theorems, methods of analysis, forced and natural responses, active analog and digital circuits, AC steady-state analysis. (Math 21)

2. Department: Electrical; 351

Title: Present: Electronic Circuits II

Proposed: Advanced Electronic Circuits

Description: Present: Audio-frequency power amplifiers, introduction to integrated circuits, field-effect transistor circuits, tuned amplifiers, feedback amplifiers, oscillators. (EE 253)

Proposed: Linear and nonlinear integrated circuits, feedback amplifiers, oscillators, power amplifiers, power supplies. (EE 253)

F. Prerequisite and Catalog Description

1. Department: Electrical; 265

Title: Circuit Analysis I

Description: Present: Circuit analysis using graph theory, two-port and n-port analysis, and filter analysis. (EE 63, Math 201 and accompanied by Math 258)

Proposed: Waveforms, matrix algebra, computer problem solving, transients, convolution, Laplace transformation, AC steady-state analysis, Fourier series. (EE 63 and Math 229)

Prerequisites: Present: EE 63, Math 201 and accompanied by Math 258

Proposed: EE 63 and Math 229 or Math 201

G. Course Title, Prerequisite, and Catalog Description

1. Department: Electrical; 63

Title: Present: Fundamentals of Electrical Engineering II

Proposed: Digital Electronics

Description: Present: Steady-state analysis of AC circuits. Introduction to electronic devices and systems. (EE 61)

Proposed: Properties and models of diodes and junction and MOS transistors, diode and transistor realizations and applications of logic gates, switching algebra, analysis and applications of flip-flop circuits. (EE 61 and Math 22)

Prerequisites: Present: EE 61; Proposed: EE 61 and Math 22

2. Department: Electrical; 253

Title: Present: Electronic Circuits I

Proposed: Linear Electronic Circuits

Description: Present: Diode-circuit analysis, introduction to transistor circuits, bias stabilization, frequency response of RC-coupled amplifiers. (Preceded by EE 251 and EE 267)

Prerequisites: Present: EE 251 and 267; Proposed: EE 63

H. Curricula Changes - Proposed Changes

Present:

1. AEROSPACE ENGINEERING

FRESHMAN YEAR

<i>First Semester</i>	<i>Credit</i>	<i>Second Semester</i>	<i>Credit</i>
AE 1—Intro to Aero Engr.	½	AE 2—Intro to Aero Engr.	½
Chem 5—Gen Chem for Engrs.	4	ET 10—Engineering Drawing	3
Elective—Communications*	3	Math 21—Cal with Anal Geom II	4
Elective—Hum. or Soc. Sci.**	3	Phy 23—Engr. Phys I	4
Math 8—Cal with Anal Geom I	5	Elective—Hum. or Soc. Sci.**	3
M10—Military Fund. (if elected)***	—	M20—Military Fund. (if elected)***	—
AS10—World Mil systems (if elected)***	—	AS20—World Mil Systems (if elected)***	—
	15 ½		15 ½

SOPHOMORE YEAR

<i>First Semester</i>	<i>Credit</i>	<i>Second Semester</i>	<i>Credit</i>
CSc 73—Basic Sci Pro	2	EM 160—Engr. Mech-Dynamics	3
EM 50—Engr. Mech-Statics	3	Math 201—Diff. Equations	3
Math 22—Cal. with Anal. Geom. II	4	ME 219—Thermodynamics	3
Phy 24—Engr Phys II	4	AE 161—Aero. Vehicle Perf.	3
Elective—Free	3	Elective—Hum. or Soc. Sci.**	3
M30—Military Fund. (if elected)***	—	Elective—Free	3
AS30—World Mil Systems (if elected)***	—	M40—Military Fund. (if elected)***	—
	16	AS40—World Mil Systems (if elected)***	—
			18

JUNIOR YEAR

<i>First Semester</i>	<i>Credit</i>	<i>Second Semester</i>	<i>Credit</i>
EM 110—Mech. of Materials	3	AE 241—Materials for Aero. Engr.	3
AE 213—Aerospace Mechanics I	3	AE 251—Aero Structures I	3
AE 231—Aerodynamics I	4	AE 271—Aerodynamics II	3
ME 240—Mech. Instrumentation	2	EE280—Principles of Elec. Engr.	4
Elective—Advanced Math	3	Elective—Hum. or Soc. Sci.**	3
Elective—Hum. or Soc. Sci.**	3		16
	18		

SENIOR YEAR

<i>First Semester</i>	<i>Credit</i>	<i>Second Semester</i>	<i>Credit</i>
AE 233—Intro to Aerothermochem.	3	AE 261—Flight Dyn. & Control	3
AE 235—Aircraft & Sp. Veh. Prop.	3	AE 280—Aero System Design	4
AE 282—Exp. Methods in Aero. Engr.	2	Elective—Technical	6
ME 225—Heat Transfer	3	Elective—Hum. or Soc. Sci.**	3
Elective—Technical	6		16
	17		

*To be either English 1, English 60, English 85, or English 160

**To include at least one course in each of the following three areas: Economics, Literature, & American History or Political Science. (See School of Engineering requirements)

***Basic Military (M10, 20, 30, 40) or Aerospace Studies (AS10, 20, 30, 40) may be elected in the Freshman and Sophomore years but are not creditable toward a degree.

AEROSPACE ENGINEERING

Freshman Year

<u>First Semester</u>	<u>Credit</u>	<u>Second Semester</u>	<u>Credit</u>
AE 10 - Intro to Aero Engr . . .	1	AE 20 - Intro to Aerospace Design . . .	1
Chem 5 - Gen Chem for Engrs . . .	4	ET 10 - Engineering Drawing	3
English 1	3	Math 21 - Cal with Anal Geom II	5
Elective - Hum or Soc Sci ²	3	Phy 23 - Engr Phys I	4
Math 8 - Cal with Anal Geom I . . .	5	Elective - Hum or Soc Sci ²	3
Military or Aero Science (if elected) ³		Military or Aero Science (if elected) ³	
	<u>16</u>		<u>16</u>

Sophomore Year

<u>First Semester</u>	<u>Credit</u>	<u>Second Semester</u>	<u>Credit</u>
C Sc 73 - Basic Sci Programming. . .	2	EM 160 - Engr. Mech - Dynamics	3
EM 50 - Engr Mech - Statics . . .	3	Math 201 - Diff. Equations	3
Math 22 - Cal with Anal Geom II. . .	4	ME 219 - Thermodynamics	3
Phy 24 - Engr Phys II	4	AE 161 - Aero. Vehicle Perf.	3
Elective - Hum or Soc Sci ²	3	Elective - Hum. or Soc. Sci. ²	3
Military or Aero Science (if elected) ³		Elective - Free ⁴	3
	<u>16</u>	M40 - Military Fund. (if elected) ³	
			<u>18</u>

Junior Year

<u>First Semester</u>	<u>Credit</u>	<u>Second Semester</u>	<u>Credit</u>
M 110 - Mech. of Materials	3	AE 241 - Materials for Aero. Engr.	3
E 213 - Aerospace Mechanics I	3	AE 251 - Aero Structures I	3
E 231 - Aerodynamics I	4	AE 271 - Aerodynamics II	3
E 240 - Mech. Instrumentation	2	EE 281 - Electrical Circuits	3
Elective - Advanced Math	3	ME 225 - Heat Transfer	3
Elective - Hum. or Soc. Sci. ²	3		
	<u>18</u>		<u>15</u>

Senior Year

<u>First Semester</u>	<u>Credit</u>	<u>Second Semester</u>	<u>Credit</u>
E 233 - Intro to Aerothermochem. . .	3	AE 280 - Aero System Design	4
E 235 - Aircraft & Sp. Veh. Prop. . .	3	Elective - Technical	6
E 261 - Flight Dyn & Control	3	Elective - Hum. or Soc. Sci. ²	3
E 282 - Exp. Methods in Aero. Engr. . .	2	Elective - Free ⁴	3
Elective - Technical	6		
	<u>17</u>		<u>16</u>

- ~~To be either English 1, English 60, English 85, or English 160.~~

- To include at least one course in each of the following three areas:
Economics, Literature, & American History or Political Science. (See School
of Engineering requirements)

- Basic Military (M10, 20, 30, 40) may be elected in the Freshman and Sophomore
years but is not creditable toward a degree.

- Free electives may be taken pass - fail

FRESHMAN YEAR

First Semester	Credit	Second Semester	Credit
CE 10-----Intro. to Civil Engr.	1	CE 20-----Intro. to Civil Engr. Des.	2
Chem 5----Gen. Chem. for Engrs.	4	ET 10-----Engineering Drawing	3
Math 8----Calc. w/Anal. Geom. I	5	Math 21---Calc. w/Anal. Geom. II	5
Basic Military (if elected) ³	0	Phys. 23--Engr. Physics I	4
Engr. 1---Rhetoric & Comp.	3	Econ 100--Principles of Econ. I	3
Hist. 60--American Civ. ¹	3	Basic Military (if elected) ³	0
	<u>16</u>		<u>17</u>

SOPHOMORE YEAR

First Semester	Credit	Second Semester	Credit
CE 1-----Fund. of Surveying	3	CE 102----Advanced Surveying	2
C Sc 73---Basic Scientific Pro.	2	GE 50-----Geology for Engineers	3
E Me 50--Engr. Mech.--Statics	3	E Me 110--Mechanics of Materials	3
Math 22--Calc. w/Anal. Geom. III	4	E Me 120--Materials Testing Lab	1
Phys 24--Engr. Physics II	4	E Me 150--Engr. Mech.--Dynamics	2
Basic Military (if elected) ³	0	Math 201--Differential Equations	3
		Elective--Hum. or Soc. Sci. ²	3
		Basic Military (if elected) ³	0
	<u>16</u>		<u>17</u>

JUNIOR YEAR

First Semester	Credit	Second Semester	Credit
CE 215--Elem. Soil Mechanics	3	CE 216--Construction Materials	3
CE 218--Struc. Analysis	5	CE 211--Transportation Engr.	3
CE 230--Elem. Fluid Mechanics	3	CE 223--Reinforced Conc. Design	3
CE 232--Elem. Fluid Mechanics Lab	1	CE 229--Foundation Engr. I	2
CE 241--Engr. Economy	3	CE 231--Hydrology	2
CE 261--Micro. in San. Engr.	2	CE 265--Water and Waste Water Engr.	4
	<u>17</u>		<u>17</u>

SENIOR YEAR

First Semester	Credit	Second Semester	Credit
CE 201----Professional Seminar	0	ME 227----Thermal Analysis	3
CE 221----Struc. Design Metals	3	Psych 50--General Psychology	3
CE 243----Engr. Law and Contracts	2	Elective--Hum. or Soc. Sci. ²	3
EE 281----Electrical Circuits	3	Elective--Technical (CE)	3
Elective--Hum. or Soc. Sci. ²	3	Elective--Free ⁴	3
Elective--Technical (CE)	3		
Elective--Free ⁴	3		
	<u>17</u>		<u>15</u>

¹Or Political Science 90 or History 102

²A minimum of six hours must be in Humanities. See page 41 for School of Engineering requirements.

³Basic Military (M 10,20,30,40) or Aero Sciences (AS 10,20,30,40) may be elected in the freshman and sophomore years, but is not credited toward a degree.

⁴Elective--Free courses and may include Advanced Military.

Proposed:

CIVIL ENGINEERING

FRESHMAN YEAR

First Semester	Credit	Second Semester	Credit
CE 10-----Intro. to Civil Engr.	1	CE 20-----Intro. to Civil Engr. Des.	2
Chem 5----Gen. Chem. for Engrs.	4	ET 10-----Engineering Drawing	3
Math 8----Calc. w/Anal. Geom. I	5	Math 21---Calc. w/Anal. Geom. II	5
Basic Military (if elected) ³	0	Phys. 23--Engr. Physics I	4
Engl. 1---Rhetoric & Comp.	3	Econ 100--Principles of Econ. I	3
Hist. 60--American Civ. ¹	3	Basic Military (if elected) ³	0
	<u>16</u>		<u>17</u>

SOPHOMORE YEAR

First Semester	Credit	Second Semester	Credit
CE 1-----Fund. of Surveying	3	CE 102----Advanced Surveying	2
C Sc73 --Basic Scientific Pro.	2	GE 50-----Geology for Engineers	3
E Me 50--Engr. Mech.--Statics	3	E Me 110--Mechanics of Materials	3
Math 22--Calc. w/Anal. Geom. III	4	E Me 120--Materials Testing Lab	1
Phys 24--Engr. Physics II	4	E Me 150--Engr. Mech.--Dynamics	2
Basic Military (if elected) ³	0	Math 201--Differential Equations	3
	<u>16</u>	Elective--Hum. or Soc. Sci. ²	3
		Basic Military (if elected) ³	0
			<u>17</u>

JUNIOR YEAR

First Semester	Credit	Second Semester	Credit
CE 215--Elem. Soil Mechanics	3	CE 216--Construction Materials	3
CE 218--Struc. Analysis	5	CE 211--Transportation Engr.	3
CE 230--Elem. Fluid Mechanics	3	CE 223--Reinforced Conc. Design	3
		CE 229--Foundation Engr. I	2
CE 241--Engr. Economy	3	CE 233--Hydraulic Engr & Hydrology	3
CE 261--Micro. in San. Engr.	2	CE 205--Water and Waste Water Engr.	4
	<u>16</u>		<u>18</u>

SENIOR YEAR

First Semester	Credit	Second Semester	Credit
CE 201----Professional Seminar	0	ME 227----Thermal Analysis	3
CE 221----Struc. Design Metals	3	Psych 50--General Psychology	3
CE 243----Engr. Law and Contracts	2	Elective--Hum. or Soc. Sci. ²	3
EE 281----Electrical Circuits	3	Elective--Technical (CE)	3
Elective--Hum. or Soc. Sci. ²	3	Elective--Free ⁴	3
Elective--Technical (CE)	3		
Elective--Free ⁴	3		
	<u>17</u>		<u>15</u>

¹ Or Political Science 90 or History 102

² A minimum of six hours must be in Humanities. See page 41 for School of Engineering requirements.

³ Basic Military (M 10,20,30,40) or Aero Sciences (AS 10,20,30,40) may be elected in the freshman and sophomore years, but is not credited toward a degree.

TO: UMR FACULTY

RE: AGENDA for the Academic Council Meeting, Thursday, January 16, 1975 at 1:30 p.m. in G-5 of the Humanities-Social Sciences Building.

- I. Approval of the minutes of the December 5, 1974 meeting.
- II. Unfinished Business (None)
- III. Reports of Administration Responses to Actions Approved by the Academic Council. (None)
- IV. Reports of Standing or Special Committees
 - A. 4.512 Admissions and Academic Standards (Tom Baird)
 1. Summer School Scheduling of Classes---August 22, 1974, IV,1.6
 - B. 4.514 Budgetary Affairs (S. Grigoropoulos)
 1. Cost and Need for KUMR---October 10, 1974, IV, 3.5b(3)
 2. Library Budget Increase---December 5, 1974, IV,6.3
 - C. 4.516 Curricula (Harold Fuller)
 - *1. Committee Report No. 4 (74-75)
 - D. 4.519 Personnel (Charles Johnson)
 1. Promotion & Tenure Policy (December 5, 1974)
 2. Faculty Work Load Guidelines---October 18, 1973, III,3.9
 - *E. 4.533 Security and Traffic Safety (Lon Pearson)
 1. Outside Door Keys---December 5, 1974, IV,6.4
 2. Formulate New Acceptable Parking Policy---December 5, 1974, IV,6.7
- V. New Business
- VI. Announcements
 - A. Statement on Coal Resources (Joe Wollard)

*Indicates supplementary material sent to AC Members

Academic Council

of

University of Missouri-Rolla

Minutes of meeting Thursday, January 16, 1975

Vol. IV, No. 7

Chairman Ken Robertson called the meeting to order at 1:33 p.m. on Thursday, December 5, 1975 in G-5 of the Humanities-Social Sciences Building.

Minutes of the December 5, 1975 meeting were approved as circulated. Minutes of the Academic Council are considered official notification and documentation of the actions approved.

Dean Jim Pogue spoke briefly on the University-wide "hiring freeze".

IV, 4
.1

Carol Ann Smith made an interim report for the Admissions and Academic Standards Committee. (The matter of scheduling of Summer School classes to find an alternate way to schedule the sixth hour has been drawn up in the form of a motion and should be submitted shortly to the Academic Council).

IV, 8
.2

Harold Fuller presented an eleven-page Curricula Committee report on "Changes" and moved its acceptance. It was passed by the Council with the two following editorial changes:

Page 5: Civil Engineering suggested curriculum, junior year
CE 205 Water and Waste Water Engineering
Should be: CE 265 Water and Waste Water Engineering

Page 10: Electrical Engineering suggested curriculum,
junior year:
EE 201 Energy Conversion
Should be: EE 201 Power Circuits and Machines

Fuller's motion to accept the addition of Engineering Mechanics 330 as ~~a regular campus course was also passed.~~

a course to be offered under the Extension program only.

IV, 6
.3a

Lon Pearson moved the resolution originating from the Security Sub-Committee of the Traffic Safety Committee and passed by the Traffic Safety Committee at its December 17, 1974 meeting:

"It is our recommendation that the administrative person in charge of a building be allowed to designate those outside doors which they wish to be cored for outside entrance. This could be one door (as it is presently) or all outside doors, if they deem this necessary, with the exception that if there exist multi-doors at the same entrance, only one of these doors be cored."

Pearson added that losses of University property from buildings has increased approximately 300 percent since the new keying regulation (keying one outside door per building) was put into effect some three years ago. The motion carried.

IV, 6
.3b

Pearson made an interim report on the revisions of parking regulations. (Council Action of December 5, 1974 (IV,6.7)). The floor was opened for informal comments on how to improve automobile parking on campus. Council members were encouraged to discuss various systems or variations of the present system and

to report valid, constructive ideas to the Traffic Safety Committee.

IV, 1
8
.4

Dewey Allgood was elected to the Student Awards and Financial Aids Committee to fill the term of Norman Dillman, who is on leave. Carol Ann Smith was elected Secretary of the Academic Council by acclamation to fill the term of Lon Pearson who is resigning for other professional considerations.


In response to an earlier Council request on Coal Resources during the coal-miner strike, Joe Wollard reported that the coal crisis is over and that the UMR stock pile will last the rest of the winter season.

Gary Patterson announced that "Challenge 75" is on March ^g ~~20~~ this year and that department should plan ahead for displays and activities.

Bill Andrews moved an expression of gratitude to the outgoing secretary.

The meeting was adjourned at 2:15 p.m.

Respectfully submitted,


Lon Pearson, Secretary

University of Missouri - Rolla



Rolla, Mo. 65401

DEPARTMENT OF HUMANITIES
January 19, 1975

Telephone
3146 3421

MEMO TO:

FROM: Lon Pearson
Out-going Secretary of the
Academic Council

RE: Annual Reports

While turning the records over to my replacement as Secretary of the Academic Council, Carol Ann Smith, I notice that the report of your committee for the year 1973-74 has not yet been filed with me. Would you please write up a brief (one or two-page) report and send it to Dr. Smith in Humanities? If the report was filed last year with Earl Foster, please let me know.

Thank you for helping us close the books.

A handwritten signature, possibly "L. Pearson", written in black ink.

University of Missouri - Rolla



CIVIL ENGINEERING

Telephone
314 341-4461

Feb 5, 1975

To: Carol Ann Smith
From: Bill Andrews

I will be unable to be at Council's meeting tomorrow and Larry Josey has agreed to be an alternate.

Thanks

Bill Andrews

University of Missouri - Rolla



CIVIL ENGINEERING

February 4, 1975

Telephone
314 341-4461

Civil Engineering Bldg
Rolla, Mo. 65401

Carol Ann Smith, Secretary
Academic Council

Carol, I will be away from campus on Thursday, February 6th and request that the Academic Council recognize Dr. C.D. Muir as having proxy to act for me at the council meeting.

A handwritten signature in cursive script that reads "John L. Best".

John L. Best
Academic Council Representative
Civil Engineering Department

JLB:ac



UNIVERSITY OF MISSOURI-ROLLA

College of Arts and Sciences

Department of Humanities

225 Humanities-Social Sciences Bldg.
Rolla, Missouri 65401
Telephone (314) 341-4631

February 5, 1975

Memorandum to: Dr. Ralph Schowalter, Chairperson
R. P. & A. Committee

From: Ms. Elizabeth Cogell, Chairperson *E. Cogell*
Publications Committee (#4.618)

Re: Revision of By-Laws concerning Publications Committee #4.520.

The Publications Committee met Tuesday, February 4, and considered the charges to this committee given in the By-Laws #4.520, given in "Authorization, Charges and Descriptions of UMR Special Committees Possessing Campus-Wide Authority" (dated August 26, 1974), and given in the proposed revision of the By-Laws.

The Committee felt R.P.&A.'s revision of the charge does not incorporate what was originally intended by 4.618 and that the revision should be re-considered. In light of discussion at the Publications Committee meeting, I would suggest the following:

4.520.1 This committee recommends policy for UMR Publications. This includes but is not limited to assuring the quality, efficiency, and effectiveness of scholarly material published under the UMR imprimatur.

There are two reasons for the Committee's opinion. First, The Office of Public Information (OPI) does not consider scholarly material something which they publish; it is something which they only print. They do not write it, proofread it, or do layout for it. Second, each of the three words ("quality," "efficiency," and "effectiveness") means something different. The initial task of the Committee is to clearly define these three. In our discussion thus far, "quality" means content; "efficiency" means cost efficiency (and possibly time); "effectiveness" means printed format, i.e. that the document is printed in a style commensurate with its content (e.g. quality of paper, binding, typeface, etc.).

If you have any questions, please contact me.

IV. A. 1.

University of Missouri - Rolla



325 Mathematics - Computer Science Building
Rolla, Mo. 65401

COMPUTER SCIENCE DEPARTMENT
January 29, 1975

Telephone
314 341-4491

MEMO TO: Academic Council
FROM: Admissions and Academic Standards Committee
RE: Summer School Schedule

The Admissions and Academic Standards Committee recommends the following as an alternative to the present Summer scheduling plan:

- 1) That classes be scheduled for 60 minute intervals with a ten minute break instead of the present 50 minute interval; namely 8:00-9:00; 9:10-10:10; 10:20-11:20 and 11:30-12:30. *This refers only to 3hr courses.*
- 2) That the hour for a sixth class in the afternoon be eliminated.
- 3) That labs begin at 1:30.
- 4) The plan be implemented beginning this summer if the registrar can still make the arrangements.

This would enable three hour classes to meet 5 times a week for 60 minutes each instead of 6 times for 50 minutes each.

Two hour classes would still meet 4 times per week; four hour classes would meet 8 times per week and 5 hour classes would meet 10 times per week. Each of these could arrange shorter time periods as appropriate.

University of Missouri - Rolla



CIVIL ENGINEERING

February 6, 1975

Civil Engineering Bldg.
Rolla, Mo 65401

Memorandum to: The Academic Council

From: The Budgetary Affairs Committee

RE Library Budget Increase - December 5, 1974, IV, 6.3

At its February 4, 1975, meeting the Budgetary Affairs Committee discussed the budgetary situation and needs of the Library with Messrs Michael Patrick, Chairman Library Committee, Earl Randolph, Librarian, and Bryan Williams, Associate Librarian. The Committee also reviewed a report prepared by the Library which summarized the acquisition resources of the Library over the last 5-year period and its needs for acquisitions, expense and equipment, and staff; and provided statistics to enable comparisons to other libraries both within the University of Missouri and at numerous other institutions (a copy of this report is attached to the original of this memorandum).

The Committee concluded that there is an absence of policy which would allow the acquisitions budget of the Library to be established at a firm level at the beginning of the fiscal year, and that this constituted a serious detriment to the proper operation of the Library. The Committee further recommends that:

"A base acquisition budget for the Library be set at the anticipated cost of periodicals plus 10 percent for other acquisitions."

Sotirios G. Grigoropoulos

Sotirios G. Grigoropoulos
Chairman, Budgetary Affairs Committee

GG:ac

IV. E. 1.

20 Jan. 1975

Memorandum To: UMR Academic Council

From: Rules, Procedures, and Agenda Committee

Re: By-Laws Changes and Additions

The attached proposed changes and additions to the UMR By-laws are recommended to the Academic Council. If Council approves, they will be submitted to the General Faculty for approval as proposed amendments to the By-Laws.

JWJ/lb

Attachment

20 Jan 1975

PROPOSED CHANGES TO UMR BY-LAWS

1. Section 4.420 Membership and Voting Rights

CHANGE:

4.423 Ex-Officio members of the Academic Council consist of the Chancellor, Dean of Faculties, Dean of the Graduate School, Dean of Engineering, Dean of Mines and Metallurgy, Dean of Arts and Sciences, Dean of Extension, voting; Computer Center Director, the Registrar, Business Officer, and Librarian, non-voting.

TO:

4.423 Ex-Officio members of the Academic Council consist of the Chancellor, Vice-Chancellor, Provost and Dean of Faculties, Dean of the Graduate School, Dean of Engineering, Dean of Mines and Metallurgy, Dean of Arts and Sciences, Dean of Extension, Dean of Student Affairs, voting; Computer Center Director, the Registrar, Business Officer, and Librarian, non-voting.

JUSTIFICATION: To make By-Laws consistent with recent administrative changes.

2. Section 4.430 Officers of the Academic Council

A. CHANGE:

4.430 Officers of the Academic Council

The officers of the Academic Council consist of a Chairman, Vice-Chairman, Secretary, and Parliamentarian. These officers are elected annually from the membership of the Council by its voting members. The election is held after the seating of the new members and before the end of the spring semester. The retiring Chairman presides at the meeting for electing a new chairman.

TO:

4.430 Officers of the Academic Council

The officers of the Academic Council consist of a Chairman, Chairman-Elect, Secretary, and Parliamentarian. The new officers are elected annually from the membership of the Council by its voting members. The election is held after the seating of the new members and before the end of the spring semester. The retiring Chairman presides at the meeting for electing new officers.

JUSTIFICATION: The Council has accepted a custom of selecting the Vice-Chairman as its next Chairman, and each candidate is asked if he would seriously consider honoring such a custom. This requires that he delay possible action for the next year (such as a leave of absence, sabbatical, new grant) without a sure knowledge that the position will be his. With the assurance of his successor, the Chairman can delegate many important duties which need the guarantee of continuity and which give the Chairman-Elect experience and familiarity with the University structure.

B. CHANGE:

4.432 The Vice-Chairman serves in the capacity of the Chairman during the latter's absence, or upon his request. He is also an assistant to the Chairman.

TO:

4.432 The Chairman-Elect serves in the capacity of the Chairman during the latter's absence, or upon his request. He is also an assistant to the Chairman.

JUSTIFICATION: In keeping with the revision to 4.430.

C. ADD:

4.435 Each officer of the Academic Council will be considered to be a representative-at-large, and a department will elect a new representative to replace him. The replacement either finishes the term or serves the year in question, at the discretion of the Department.

JUSTIFICATION: The demands on an officer are great during the year, and it becomes difficult to perform his departmental duties in an acceptable manner. In addition to this he must consider the Council as a whole during proceedings and this may run counter to the wishes of his department. Any feeling that his position as an officer gives him an unfair advantage either while speaking to a question or during the back-stage ~~manipulations~~ *plannings* could be partially mitigated by his designation as a representative-at-large.

3. Section 4.440 Meetings and Rules of Order

ADD:

4.447 Special Meetings

Special Meetings are called upon the request
of the President of the University;
of the Chairman of the General Faculty;
of the Chairman of the Academic Council; and
by written petition of five (5) per cent of the members of the
Academic Council.

4.447.1 All Special Meetings shall be called within ten (10) days after the request is presented to the Chairman of the Academic Council.

4.447.2 Only topics designated in the call for a Special Meeting may be discussed or acted upon at said meeting.

JUSTIFICATION: The Academic Council has no provisions for the calling of a special meeting.

4. Section 4.510 Faculty Committees

CHANGE:

4.520 Publications Committee

4.520.1 This committee recommends policy for UMR Publications.

TO:

4.520.1 This committee is to recommend policy for all UMR Publications to assure quality of scholarly material published under the UMR imprimatur.

JUSTIFICATION: U-wide has directed that such a committee as described be established on each campus. The Faculty Publications Committee can serve this purpose.

5. Section 4.530 Administrative Committees

ADD:

4.537 Campus Safety and Risk Management Committee

4.537.1 The principal responsibility of this committee is to assist the Chancellor, Provost and Dean of Faculties, Academic Council, Business Officer, and the Safety Representative with the implementation of the Risk Management Program.

4.537.2 The members of the Committee shall be determined by the Chancellor, however, members of the University Safety and Risk Management Committee (U-Wide) shall be appointed to serve on the Campus Committee, but no more than three such members shall be appointed. The Committee shall include at least one undergraduate student. The Chairman shall be appointed by the Chancellor and the Safety Representative shall serve as Secretary without privilege of vote.

JUSTIFICATION: U-wide has directed that such an administrative committee be established on each campus.

University of Missouri - Rolla



CIVIL ENGINEERING

February 6, 1975

Civil Engineering Bldg.
Rolla, Mo. 65401

Telephone
314 341-4461

Memorandum to: The Academic Council

From: The Budgetary Affairs Committee

RE Library Budget Increase - December 5, 1974, IV, 6.3

At its February 4, 1975, meeting the Budgetary Affairs Committee discussed the budgetary situation and needs of the Library with Messrs Michael Patrick, Chairman Library Committee, Earl Randolph, Librarian, and Bryan Williams, Associate Librarian. The Committee also reviewed a report prepared by the Library which summarized the acquisition resources of the Library over the last 5-year period and its needs for acquisitions, expense and equipment, and staff; and provided statistics to enable comparisons to other libraries both within the University of Missouri and at numerous other institutions (a copy of this report is attached to the original of this memorandum).

The Committee concluded that there is an absence of policy which would allow the acquisitions budget of the Library to be established at a firm level at the beginning of the fiscal year, and that this constituted a serious detriment to the proper operation of the Library. The Committee further recommends that:

"A base acquisition budget for the Library be set at the anticipated cost of periodicals plus 10 percent for other acquisitions."

A handwritten signature in cursive script, reading "Sotirios G. Grigoropoulos".

Sotirios G. Grigoropoulos
Chairman, Budgetary Affairs Committee

SGG:ac

LIBRARY REPORT

Acquisitions

Basic acquisitions budgets are shown for each of the past 5 years. Additional funds have been made available, sometimes late in the fiscal year, and these have been used to clear up the backlogs of faculty requests, to purchase reference and expensive items. These funds are shown separately.

	1970/71	1971/72	1972/73	1973/74	1974/75
Budget	\$58,000	\$137,000	\$140,000	\$70,000	\$73,500
Additional Funds	\$122,000		\$127,000	\$70,000	\$41,500

Estimated total need for 1975/76 \$200,000

It has been very difficult to plan for acquisitions for an ongoing program when the base budget has varied so much. For example, the periodical subscriptions were expanded somewhat in 1971/72 and 1972/73 when the base budget was larger.

In 1973/74 and 1974/75 it would have been impossible to maintain the subscriptions on the lower base budget had additional funds not been allocated early enough to cover rising costs. The additional funds are very helpful to purchase backlog requests, reference and special items, but a low base budget puts subscriptions, binding and standing orders in peril. A low budget does not allow for allocations to departments for book purchases, since the funds are needed to cover subscriptions.

Inflationary costs for periodicals have been extreme in the past few years. Some examples are given below: (these are average costs)

	*1970	*1973
Chemistry and physics	\$33.45	\$56.61
Engineering	\$12.07	\$23.37
Math, Geology & General Science	\$18.11	\$26.99
Psychology	\$17.12	\$23.17

*About 30,000 books are published in the United States each year, about 10,000-12,000 are in fields of interest at U.M.R. The average cost for all subjects in 1973 was \$12.20 per volume; however, the average cost for books in science and technology was about \$16.00. Purchase of the 10,000 books needed at U.M.R. would range from \$122,000 to \$160,000 for U.S. books alone.

A budget of \$200,000 for 1975/76 would allow the library to maintain and expand the periodical subscriptions, to keep periodicals binding up to date and to purchase from 9-10 thousand monographs, and to obtain other media. A base budget of \$200,000 should then be increased in future years to allow for inflation, which averages about 15% for periodicals, and to continue to obtain the current publishing output.

(*From the Bowker Annual of Library and Book Trade Information, 19th ed. 1974)

Back Purchases

Undergraduate Level - Estimated costs \$500,000

One of the great needs of the U.M.R. library is to build a satisfactory collection of books and periodicals at the undergraduate level, especially in the humanities and social sciences, but also including science and technology. The library has been able to add to a past good collection in science and technology, but it has always been deficient in a good working collection in liberal arts. There is available "opening day" selection list of about 50,000 titles on the undergraduate level (which every college library should have on its shelves the day it opens for business). The U.M.R. library has about 25-30 thousand of these titles now. There are also special subject recommended lists put out by various societies and these lists need to be checked and books ordered that are not on hand.

Graduate and Research Level - Estimated costs \$400,000

The large number of interlibrary loans necessary on the graduate and research level points to the need to obtain a considerable selection of back issues of periodicals, conference and symposium reports, reference materials. This would be done in consultation with the library representatives in each discipline.

Expense and Equipment

The E & E budget has ranged from \$12,000 to \$15,000 in the past few years. A larger acquisitions budget would require an increase in E & E to cover the additional costs of materials needed to process more books. The factors involved here would depend on how soon the University of Missouri Libraries get involved in automation of acquisition, processing, and circulation. These costs might require a large increase in E & E budget.

Additional needs \$6,000

Staff

In 1970 Dr. Ralph Parker, who was Dean of the Library School at U.M.C., made a report on the U.M.R. library. (See attached copy). He recommended that there should be one full time staff member for each 1,000 books per year in processing and acquisitions, or for 10,000 books, 10 staff members. The library has 7 people in this area now, and quite a backlog of books would build up under the present staff set up.

A very minimum of reference services are maintained at present. One position (professional staff) is open in this area now; however, we have had to use part of the salary to hire student assistants to keep the building open. Two professional staff members and one support staff in reference would be of great help to students and faculty.

A full time person in the microfilming section would allow the library to make greater use of the excellent facilities available and offer the services campus wide.

The present student assistant budget of \$10,300 should be increased to \$16,800 to permit the library to use student assistants in places where they can work more effectively: shelving books, keeping stacks in order, typing book labels, pasting pockets, repairing books.

Total additional needs of staff:

3 support staff in processing	\$13,500
1 professional in reference	10,000
1 support staff in reference	4,500
1 support in microfilming	6,000
additional student assistants	6,000

Summary of Library Needs

Acquisitions (ongoing)

1. The present funding (\$115,000) will continue the program on the same level, less the effects of inflation, including the periodical subscriptions now in effect, binding, and a small amount of books, probably 800-1000.
2. Funding of \$150,000 would continue periodicals, including some 10% to 15% for inflation, plus some 5000 books.
3. Funding of \$200,000 would permit an additional 5000 books to be purchased.

Acquisitions (catch up)

Amounts available in this category would purchase books on the average of \$10-\$12 per volume, and/or microfilm or full-size volumes of periodicals, costs depending on titles purchased.

Expense and Equipment

Present funding would continue as now, less inflation. An additional \$6,000 would pay costs for greater number of books processed, some replacements of typewriters and other office equipment.

Staff

More staff in processing would make new books available for use sooner than at present. Additional personnel in reference would help students and faculty make greater use of the collections. A person working in the microfilm area would permit greater use of these excellent facilities.

An additional \$6,000 for student assistants are needed to help keep the library open for the long hours involved, keep books shelved, stacks in better order, etc.

STATISTICS FOR UNIVERSITY OF MISSOURI LIBRARIES

	<u>UNC</u>	<u>UMKC</u>	<u>UMR</u>	<u>UMSL</u>	<u>NORM</u>
Enrollment (FTE) (1974-75)	22,961	8,155	4,006	11,772	
		(1)	(2)		
Acquisitions Budget (1974-75)	\$1,000,095	\$340,000	\$115,000	\$368,389	
Student per capita Expenditures (Acquisitions) (1974-75)	\$43.50	\$42.00	\$29.00	\$33.00	
(1969-70)	\$41.00	\$34.00	\$36.00	\$51.00	\$48.00
Students per professional Staff Member (1974-75)	460	327	1,000	841	
(1969-70)	380	438	1,000	714	224

Notes: (1) UMKC acquisition budget of \$240,000 was increased \$100,000 from other funds.

(2) UMR acquisition budget of \$73,500 was increased \$41,500 from other funds.

Information for 1974-75 was received by telephone calls.

NORM is from the Association of Research Libraries and the Association of College and Reference Libraries.

State and Institution	Volumes at end of year	Periodicals	Total operating expend.	Salaries and Wages	Books and other lib. materials	Expenditures per FTE student	Expenditures as percent of Educ. and general expenditures	Libraries per 1,000 FTE student
Auburn Univ.	757,148	NA	1,003,542	520,380	429,336	\$ 70	NA	1.9
Cal. Inst. of Tech.	238,717	16,519	816,541	374,005	346,323	540	2.5	5.3
Cal. State Poly	324,949	2,727	983,329	617,043	333,510	78	4.8	2.1
Ga. Inst. Tech	730,516	4,923	1,073,249	639,656	345,804	129	NA	4.4
Iowa State U. of Sci & Tech.	831,023	6,312	2,031,860	1,138,249	712,527	102	3.0	2.1
La. Poly Inst.	171,711	2,121	436,805	257,001	153,069	54	4.4	1.6
Mich. Tech. U.	265,845	2,150	385,516	219,112	148,989	77	NA	1.8
Rensselaer Poly (NY)	208,947	3,242	548,323	279,817	206,413	108	NA	1.7
Case Western	1,175,232	8,948	2,083,537	1,205,419	395,059	220	3.6	6.2
Drexel Inst. of Tech.	310,367	4,109	688,259	444,832	216,757	77	4.3	1.9
Lafayette College	273,618	1,562	343,497	183,446	139,412	156	6.0	4.5
Lehigh Univ.	549,381	4,514	645,928	296,384	280,859	125	4.0	2.5
Clemson Univ.	453,046	4,907	722,196	359,221	317,627	96	NA	1.8
Texas Tech. College	1,062,483	6,773	1,411,690	703,245	665,363	71	5.2	1.7
Va. Poly Inst.	626,955	9,245	1,519,516	662,315	814,603	119	3.7	2.3
U.M.C.	1,589,115	20,000	2,337,724	1,108,607	1,099,047	105	NA	2.2
U.M.K.C.	435,949	3,433	994,633	448,495	514,323	104	NA	1.7
U.M.S.L.	182,103	2,556	1,115,163	348,131	711,320	109	NA	1.3
U.S.N.	192,876	2,215	293,681	133,651	149,083	45	NA	.9

Passed

1/29/75
IN COMMITTEE
PERSONNEL

Following is the final, edited, working document as amended for clarification of the minutes. Academic Council members should bring this document to the November 7, 1974 meeting of the Council.

October 25, 1974

POLICIES AND PROCEDURES FOR PROMOTION
AND/OR TENURE RECOMMENDATIONS

1 I. General

2 A. The guidelines for all policies and procedures affect-
3 ing recommendations for promotion and/or tenure shall fall
4 within the principles, policies, and procedures set forth in
5 Policy Memorandum #16, or its equivalent, revised October 26,
6 1973, and the University Academic Tenure Regulations, dated
March 17, 1972.

7 B. Any additional University and/or campus-wide guide-
8 lines not covered in I.A shall be made available to the faculty
9 at the beginning of each academic year.

10 II. Procedure

11 A. Department Level

12 1. Recommendations for promotion and/or tenure for
13 persons holding rank in an academic department will
14 be initiated in that department.

15 2. There shall be a Departmental Review Committee
16 (DRC) which shall be chosen annually in a manner
17 determined by a vote of the department faculty. The
18 Department Chairperson may be a member of the DRC.
19 No faculty member may serve on the DRC when his/her
20 own review is under consideration.

21 3. Each department will prepare its own departmental
22 review procedure and shall establish criteria for
23 granting promotion and/or tenure, conforming to the
24 general guidelines listed in I; it shall make the
25 procedures and criteria available to faculty in the
26 department at the beginning of each academic year.

27 4. All evidence relevant to a recommendation for
28 promotion and/or tenure shall be directed to the DRC.

29 5. An individual department member may initiate a
30 case of evaluation in his own behalf or in behalf
of another member in his department, with the
candidate's approval.

31 6. The files on candidates as assembled by the
32 DRC shall at all times be available to the individual
33 (with the exception of confidential material), to
34 the department chairperson, and to the appropriate
35 review committees at the school/college and campus
36 levels. All candidates will be informed as to
whether they will be considered one week prior to
the final meeting of the DRC.

37 7. After reaching its conclusions, whether favor-
38 able or unfavorable, the DRC shall immediately
39 advise the department chairperson who will then
40 formulate the promotion and tenure recommendations
41 to be made by the department. The DRC may make
42 attachments to the chairperson's recommendation be-
43 fore it leaves the department if the recommendation
44 of the DRC and the recommendation prepared by the

45 department chairperson differ in any respect. All
46 candidates will be advised in writing of the action
47 taken by the DRC and the department chairperson
48 with respect to their candidacy. An unfavorable
49 action requires, in addition, a written justifica-
50 tion from the department chairperson directed to the
51 candidate.

52 8. Before forwarding the recommendations to the
53 S/CRC, the department chairperson shall allow at
54 least one week after notification for candidates
55 to respond.

56 9. All favorable recommendations from the department
57 along with all documentation and attachments shall
58 be forwarded by the Department Chairperson to the
59 School/College Review Committee (described in Section
60 II.B.1).

61 B. School/College Level

62 1. There will be a School/College Review Committee
63 (S/CRC) composed of one member elected from each
64 department faculty in the School or College. The
65 Dean of the School or College shall also be a member
66 of the S/CRC.

67 2. Each School/College shall establish procedures
68 and criteria for reviewing departmental recommenda-
69 tions for promotion and/or tenure received from the
70 departments along with any attachments. These
71 procedures and criteria shall be made available to
72 faculty in the School/College at the beginning of
73 each academic year.

74 3. All files relevant to a recommendation for
75 promotion and/or tenure that were assembled in the
76 respective departments shall be placed in the Office
77 of the Dean of the School/College until the final
78 decision on the recommendation has been made by the
79 Chancellor.

80 [Old 6.] 4. After receipt by the S/CRC of the recommendations
81 from the department chairperson, the S/CRC shall
82 allow one week to receive appeals by any candidate
83 from an unfavorable departmental recommendation.
84 After acting on all appeals, the S/CRC shall then
85 proceed to review all other recommendations from
86 departments.

87 [Old 4.] 5. After reaching its conclusions, whether favorable
88 or unfavorable, the S/CRC shall immediately advise
89 the Dean of the School or College. The Dean of the
90 School or College will then formulate the promotion
91 and tenure recommendations to be made by the School
92 or College. The S/CRC may make attachments to the
93 Dean's recommendation before it leaves the School or
94 College if the recommendation of the S/CRC and Dean
95 differ in any respect. All candidates and the
96 appropriate Department Chairperson will be advised
97 in writing of the actions taken by the S/CRC and the
98 Dean. An unfavorable action requires a written
99 justification from the Dean to the candidate with a
100 copy to his/her department chairperson.

101 [Old 5.] 6. Before forwarding the recommendations to the
102 Campus Review Committee (CRC) (described in Section

AND/OR TENURE RECOMMENDATION

103 II.C.1), the Dean shall allow at least one week
104 after notification for candidates to respond.
105 7. All favorable recommendations of the Dean of the
106 School or College along with the appropriate forms
107 and any attachments made by the S/CRC shall be for-
108 warded to the Campus Review Committee by the Dean of
109 the School/College.
110 8. All files used during the review process in the
111 Department and the School/College shall be made
112 available to the CRC.

113 C. Campus Level

114 1. There will be a Campus Review Committee (CRC)
115 consisting of the Chancellor as Chairperson, the
116 Deans of each School/College, the Dean of Faculties,
117 one faculty member from each School/College elected
118 from and by the School/College Review Committee,
119 and the Chairperson of the ~~Academic Council~~ Personnel
120 Committee. FACULTY

121 2. The CRC shall establish procedures for reviewing
122 recommendations brought to it by a Dean of a School/
123 College along with any attachments made to these
124 recommendations by the respective School/College
125 Review Committee.

126 3. The CRC shall ascertain that all procedures and
127 criteria used within the respective Schools/Colleges
128 conform to the general guidelines listed in Section
129 I.

130 a. If the procedures and criteria used within
131 the respective Schools/Colleges do not conform
132 to the general guidelines, the CRC shall demand
133 that the School/College act to conform to the
134 general guidelines. The CRC must indicate in
135 writing specifically what action the School/
136 College must take and shall return all recommenda-
137 tions from the School/College without prejudice to
138 any individual's recommendation. The CRC shall
139 then allow at least one week for compliance or appeal
140 of its decision.

141 b. When the procedures and criteria used within
142 the respective School/College conform to the general
143 guidelines, the CRC shall determine whether or not
144 each recommendation conforms to those criteria. In
145 the event of an unfavorable determination by the CRC,
146 a written justification shall be sent to the candi-
147 date, his/her Department Chairperson, and the Dean of
148 his/her School/College. At least one week shall be
149 allowed for appeals before the findings of the CRC
150 are forwarded to the Chancellor. All findings shall
151 then become attachments to the recommendation of the
152 Dean of the School/College and be forwarded to the
153 Chancellor.

154 4. After receipt by the CRC of the recommendations
155 from the Dean of the School/College, the CRC shall
156 allow one week to receive appeals by any candidate from
157 unfavorable action by a School/College. After receiving
158 all appeals, the CRC shall then proceed to review all
159 recommendations and appeals.

160 5. After considering all findings and recommendations,
161 if the Chancellor's decision is different from the
162 recommendation of the Dean of the School/College he
163 shall notify the candidate, his/her Chairperson, and
164 Dean of School/College, and attach a written justifi-
165 cation.

166 6. Before forwarding his/her recommendation to the
167 President of the University or the appropriate
168 campus-wide review body, the Chancellor shall allow
169 at least one week after written notification has
170 been made to each candidate, his/her Department
171 Chairperson and Dean for appeal of his/her decision.



UNIVERSITY OF MISSOURI-ROLLA

Business Office

Parker Hall
Rolla, Missouri 65401
Business Officer (314) 341-4121
Budget & Records (314) 341-4126
Finance Office (314) 341-4188
Personnel Services (314) 341-4241

FEBRUARY 4, 1975

MEMORANDUM TO: *Vice Chancellor Dudley Thompson*
FROM: *Joseph D. Wollard, Business Officer*
RE: *Outside Door Keys*

This memorandum is to state the position of the Business Office concerning the action taken by the Academic Council in their meeting held January 16, 1975 (Vol. IV, No. 7).

The campus within the past two years has been completely re-keyed as a result of a series of losses resulting, we felt, from the compromise of our keying system when the key procedures were stolen.

The present system was proposed and approved by the campus administration and it is felt to be an effective system. Changes are not recommended for the following reasons:

- 1. When only one access is provided after hours, it is very easy to monitor those persons entering the buildings.*
- 2. Exterior cores not associated with the present building can be used to core the non-active exterior doors which represents a savings.*
- 3. Cost of re-coring exterior and interior doors is kept to a minimum when the keying system has been compromised and replacement is necessary.*

The entire security system, in our opinion, is greatly enhanced when the exposure is reduced.

There have been two requests to date since the distribution of the Academic Council minutes.

Please advise as to how we should proceed.

Joseph D. Wollard
Joseph D. Wollard

JDW/mam

an equal opportunity institution

FACULTY WORK LOAD

Note: Form prepared by
the Personnel Committee
March, 1975

SCHEDULED TEACHING

Symbol	Course No.	Credit Hours (H)	No. of Students (S)	Factor (F)	Moment HxSxF
L	_____	_____	_____	1.00	_____
L	_____	_____	_____	1.00	_____
L	_____	_____	_____	1.00	_____
L	_____	_____	_____	1.00	_____
U	_____	_____	_____	1.85	_____
U	_____	_____	_____	1.85	_____
U	_____	_____	_____	1.85	_____
U	_____	_____	_____	1.85	_____
LL	_____	_____	_____	1.65	_____
LL	_____	_____	_____	1.65	_____
LL	_____	_____	_____	1.65	_____
LL	_____	_____	_____	1.65	_____
UL	_____	_____	_____	2.25	_____
UL	_____	_____	_____	2.25	_____
UL	_____	_____	_____	2.25	_____
UL	_____	_____	_____	2.25	_____
G	_____	_____	_____	4.00	_____
G	_____	_____	_____	4.00	_____
G	_____	_____	_____	4.00	_____

UNSCHEDULED TEACHING

Symbol	Description	Hrs/Sem (H)	S	Factor (F)	Moment HxSxF
I	Seminars	_____	S=1	4.00	_____
I	Guest Lectures	_____	S=1	4.00	_____

Symbol	Description	Hrs/Week (H)	Stdts. (S)	Factor (F)	Moment HxSxF
I	Correspondence	_____	_____	2.50	_____
I	Mass Media	_____	S=1	30.00	_____
Symbol	Description	Hrs/Week/Student (H)		Factor (F)	Moment HxSxF
I	Individualized Instruction	_____	_____	2.00	_____

ADVISING

Symbol		No. of Students (S)	Factor (F)	Moment SxF
a	Undergraduate	_____	2.00	_____
A	Graduate	_____	4.00	_____

THESIS SUPERVISION

Symbol		No. of Students (S)	Factor (F)	Moment SxF
t	Chairman of M.S. Committee	_____	12.00	_____
t	Member of M.S. Committee	_____	2.50	_____
T	Chairman of Ph.D. Committee	_____	24.00	_____
T	Member of Ph.D. Committee	_____	5.00	_____

SERVICE (Requiring a Professional Skill)

		Fraction FTE (E)	Factor (F)	Moment ExFx360
s	Internal	_____	_____	_____
S	External	_____	_____	_____

SERVICE (Non-Professional Skill)

k	Internal	_____	_____	_____
K	External	_____	_____	_____

University of Missouri - Rolla



Parker Hall
Rolla, Mo. 65401

OFFICE OF THE CHANCELLOR
February 12, 1975

Telephone
314 341-4114

Memorandum To: Mr. Joseph D. Wollard, Business Officer

From: Raymond L. Bisplinghoff, Chancellor *M3 2/21/75*

RE Doors to Buildings

The Academic Council has requested that increased access to buildings by authorized staff and faculty be provided during the latter part of the afternoon and early evening hours to properly discharge their responsibilities. Cognizance is taken of the fact that

- (1) Loss of equipment has been increasing.
- (2) Access to buildings (doors and windows) has been provided as countermeasures to current security measures.
- (3) Academic Council has reaffirmed its request after discussion on February 6 with Dudley Thompson.
- (4) Academic Council states that department chairmen understand that any losses incurred will be absorbed by departmental E and E and that no campus-wide funds will be available for such use.
- (5) Department chairmen are responsible that necessary and sufficient security measures are taken for protection of property, life and safety under their supervision.
- (6) The present UMR security force is minimal to provide essential security.
- (7) Current security measures at UMR are more liberal than any I have previously operated under.

Accordingly, at the request of the Academic Council, I am willing for you to immediately enter into a written agreement with each department chairman and director as to the access he wishes to have for the building under his supervision. When two or more are involved, each will sign the agreement.

RLB/mlc

cc: Provost Jim C. Pogue
Dr. B. Ken Robertson

MAR 2 1975

Dean Fogue's Recommendations
received - Mar. 7/1975

Dr Smith

RECOMMENDATION FOR DETERMINING FUNDING LEVEL OF UMR LIBRARY

1. It is recommended that the funding level of the UMR Library be based on a level of expenditure for each FTE student.
2. At the present level of expenditures (1974-75) the library has for acquisitions \$29.50 per FTE student, and for total expenditures \$77 per FTE student.
3. It is recommended that the per student expenditure for acquisitions be \$50 per FTE student, and for total expenditures \$100 per FTE student. It is recognized that the above desired levels of expenditure cannot be accomplished in one year, especially in light of our present budget constraint; however, these expenditures should be judged as a more or less "proper" level of expenditure to maintain a good library for UMR.
4. Therefore, the campus should urgently work toward achieving this level of funding; however, until that level is accomplished, and specifically for the 1975-76 operating budget, the base acquisition budget for the library shall be set at a level equal to the cost of periodicals currently subscribed to, plus no less than 10% for other acquisitions.
5. At the same time, the salary and wage budget for the library, beginning in 1975-76, should be fixed at a level to provide immediate improvement in professional library staffing in order that both students and staff may have the support and service that can only be provided by professional librarians.

University of Missouri - Rolla



DEPARTMENT OF ELECTRICAL ENGINEERING

Telephone
314 341-4506

123 Electrical Engr. Bldg.
Rolla, Mo. 65401

March 4, 1975

MEMORANDUM TO: Carol Ann Smith, Secretary
Academic Council

FROM: Dr. Rodger E. Ziemer
Electrical Engineering

RE: Appointment of Proxy

This is to inform you that Dr. Paul D. Stigall,
Electrical Engineering, will be serving as my proxy
for the Academic Council meeting this Thursday,
March 6, 1975.

REZ:njj

cc: Dr. P. D. Stigall

POLICIES AND PROCEDURES FOR PROMOTION
AND/OR TENURE RECOMMENDATIONS

(Passed by Academic Council on December 5, 1974
With Editorial Changes of March 6, 1975)

1 I. General

2 A. The guidelines for all policies and procedures
3 affecting recommendations for promotion and/or tenure
4 shall fall within the principles, policies, and pro-
5 cedures set forth in Policy Memorandum #16, or its
6 equivalent, revised October 26, 1973, and the University
7 Academic Tenure Regulations, dated March 17, 1972.

8 B. Any additional University and/or campus-wide guide-
9 lines not covered in I.A shall be made available to the
10 faculty at the beginning of each academic year.

11 II. Procedure

12 A. Department Level

13 1. Recommendations for promotion and/or tenure for
14 persons holding rank in an academic department will
15 be initiated in that department.

16 2. There shall be a Departmental Review Committee
17 (DRC) which shall be chosen annually in a manner
18 determined by a vote of the department faculty. The
19 Department Chairperson may be a member of the DRC.
20 No faculty member may serve on the DRC when his/her
21 own review is under consideration.

22 3. Each department will prepare its own departmental
23 review procedure and shall establish criteria for
24 granting promotion and/or tenure, conforming to the
25 general guidelines listed in I; it shall make the
26 procedures and criteria available to faculty in the
27 department at the beginning of each academic year.

28 4. All evidence relevant to a recommendation for
29 promotion and/or tenure shall be directed to the DRC.

30 5. An individual department member may initiate a
31 case of evaluation in his own behalf or in behalf of
32 another member in his department, with the candidate's
33 approval.

34 6. The files on candidates as assembled by the DRC
35 shall at all times be available to the individual
36 (with the exception of confidential material), to
37 the department chairperson, and to the appropriate
38 review committees at the school/college and campus
39 levels. All candidates will be informed as to
40 whether they will be considered one week prior to
41 the final meeting of the DRC.

42 7. After reaching its conclusions, whether favor-
43 able or unfavorable, the DRC shall immediately
44 advise the department chairperson who will then
45 formulate the promotion and tenure recommendations
46 to be made by the department. The DRC may make
47 attachments to the chairperson's recommendation
48 before it leaves the department if the recommenda-
49 tion of the DRC and the recommendation prepared by
50 the department chairperson differ in any respect.
51 All candidates will be advised in writing of the
52 action taken by the DRC and the department chair-
53 person with respect to their candidacy. An unfavor-
54 able action requires, in addition, a written justi-
55 fication from the department chairperson directed
56 to the candidate.

57 8. Before forwarding the recommendations to the
58 S/CRC, the department chairperson shall allow at
59 least one week after notification for candidates to
60 respond.

61 9. All favorable recommendations from the department
62 along with all documentation and attachments shall
63 be forwarded by the Department Chairperson to the
64 School/College Review Committee (described in Section
65 II.B.1).

66 B. School/College Level

67 1. There will be a School/College Review Committee
68 (S/CRC) composed of one member elected from each
69 department faculty in the School or College. The
70 Dean of the School or College shall also be a member
71 of the S/CRC.

72 2. Each School/College shall establish procedures
73 and criteria for reviewing departmental recommenda-
74 tions for promotion and/or tenure received from the
75 departments along with any attachments. These pro-
76 cedures and criteria shall be made available to
77 faculty in the School/College at the beginning of
78 each academic year.

79 3. All files relevant to a recommendation for
80 promotion and/or tenure that were assembled in the
81 respective departments shall be placed in the Office
82 of the Dean of the School/College until the final
83 decision on the recommendation has been made by the
84 Chancellor.

85 4. After receipt by the S/CRC of the recommenda-
86 tions from the department chairperson, the S/CRC
87 shall allow one week to receive appeals by any can-
88 didate from an unfavorable departmental recommenda-
89 tion. After acting on all appeals, the S/CRC shall
90 then proceed to review all other recommendations
91 from departments.

92 5. After reaching its conclusions, whether favor-
93 able or unfavorable, the S/CRC shall immediately
94 advise the Dean of the School or College. The Dean
95 of the School or College will then formulate the
96 promotion and tenure recommendations to be made by
97 the School or College. The S/CRC may make attach-
98 ments to the Dean's recommendation before it leaves
99 the School or College if the recommendation of the
100 S/CRC and Dean differ in any respect. All candi-
101 dates and the appropriate Department Chairperson
102 will be advised in writing of the actions taken by
103 the S/CRC and the Dean. An unfavorable action
104 requires a written justification from the Dean to
105 the candidate with a copy to his/her department
106 chairperson.

107 6. Before forwarding the recommendations to the
108 Campus Review Committee (CRC) (described in Section
109 II.C1) the Dean shall allow at least one week after
110 notification for candidates to respond.

111 7. All favorable recommendations of the Dean of
112 the School or College along with the appropriate
113 forms and any attachments made by the S/CRC shall
114 be forwarded to the Campus Review Committee by the
115 Dean of the School/College.

116 8. All files used during the review process in the
117 Department and the School/College shall be made
118 available to the CRC.

119 C. Campus Level

120 1. There will be a Campus Review Committee (CRC)
121 consisting of the Chancellor as Chairperson, the
122 Deans of each School/College, Provost and Dean of
123 Faculties, one faculty member from each School/
124 College elected from and by the School/College
125 Review Committee, and the Chairperson of the Faculty
126 Personnel Committee.

127 2. The CRC shall establish procedures for reviewing
128 recommendations brought to it by a Dean of a School/
129 College along with any attachments made to these
130 recommendations by the respective School/College
131 Review Committee.

132 3. After receipt by the CRC of the recommendations
133 from the Dean of the School/College, the CRC shall
134 allow one week to receive appeals by any candidate
135 from unfavorable action by a School/College. After
136 receiving all appeals, the CRC shall then proceed
137 to review all recommendations and appeals.

138 4. The CRC shall ascertain that all procedures and
139 criteria used within the respective Schools/Colleges
140 conform to the general guidelines listed in Section
141 I.

142 a. If the procedures and criteria used within
143 the respective Schools/Colleges do not conform to
144 the general guidelines, the CRC shall demand that
145 the School/College act to conform to the general
146 guidelines. The CRC must indicate in writing
147 specifically what action the School/College must
148 take and shall return all recommendations from the
149 School/College without prejudice to any individual's
150 recommendation or appeal. The CRC shall then allow
151 at least one week for compliance or appeal of its
152 decision.

153 b. When the procedures and criteria used within
154 the respective School/College conform to the general
155 guidelines, the CRC shall determine whether or not
156 each recommendation and appeal conforms to those
157 criteria. In the event of an unfavorable determin-
158 ation by the CRC, a written justification shall be
159 sent to the candidate, his/her Department Chairperson,
160 and the Dean of his/her School/College. At least
161 one week shall be allowed for appeals before the
162 findings of the CRC are forwarded to the Chancellor.
163 All findings shall then become attachments to the
164 recommendation of the Dean of the School/College
165 and be forwarded to the Chancellor.

166 5. After considering all findings and recommenda-
167 tions, the Chancellor, if his decision is different
168 from the recommendation of the Dean of the School/
169 College, shall notify the candidate, his/her Chair-
170 person, and Dean of School/College, and attach a
171 written justification.

172 6. Before forwarding his/her recommendation to the
173 President of the University or the appropriate
174 campus-wide review body, the Chancellor shall allow
175 at least one week after written notification has
176 been made to each candidate, his/her Department
177 Chairperson and Dean for appeal of his/her decision.

Handout - Apr. 10/1975.

Faculty Work Load

SCHEDULED TEACHING

Symbol	Course No.	Credit Hours (H)	No. of Students (S)	Factor (F)	Moment HxSxF
L	_____	_____	_____	1.00	_____
L	_____	_____	_____	1.00	_____
L	_____	_____	_____	1.00	_____
L	_____	_____	_____	1.00	_____
U	_____	_____	_____	1.85	_____
U	_____	_____	_____	1.85	_____
U	_____	_____	_____	1.85	_____
U	_____	_____	_____	1.85	_____
LL	_____	_____	_____	1.65	_____
LL	_____	_____	_____	1.65	_____
LL	_____	_____	_____	1.65	_____
LL	_____	_____	_____	1.65	_____
UL	_____	_____	_____	2.25	_____
UL	_____	_____	_____	2.25	_____
UL	_____	_____	_____	2.25	_____
UL	_____	_____	_____	2.25	_____
G	_____	_____	_____	4.00	_____
G	_____	_____	_____	4.00	_____
G	_____	_____	_____	4.00	_____

UNSCHEDULED TEACHING

Symbol	Description	Hrs/Sem (H)	S	Factor (F)	Moment HxSxF
I	Seminars	_____	S=1	4.00	_____
I	Guest Lectures	_____	S=1	4.00	_____

Symbol	Description	Hrs/Week (H)	Stdts. (S)	Factor (F)	Moment HxSxF
I	Correspondence	_____	_____	2.50	_____
I	Mass Media	_____	S=1	30.00	_____
Symbol	Description	Hrs/Week/Student (H)		Factor (F)	Moment HxSxF
I	Individualized Instruction	_____	_____	2.00	_____

ADVISING

Symbol		No. of Students (S)	Factor (F)	Moment SxF
a	Undergraduate	_____	2.00	_____
A	Graduate	_____	4.00	_____

THESIS SUPERVISION

Symbol		No. of Students (S)	Factor (F)	Moment SxF
t	Chairman of M.S. Committee	_____	12.00	_____
t	Member of M.S. Committee	_____	2.50	_____
T	Chairman of Ph.D. Committee	_____	24.00	_____
T	Member of Ph.D. Committee	_____	5.00	_____

SERVICE (Requiring a Professional Skill)

		Fraction FTE (E)	Factor (F)	Moment ExFx360
s	Internal	_____	_____	_____
S	External	_____	_____	_____

SERVICE (Non-Professional Skill)

k	Internal	_____	_____	_____
K	External	_____	_____	_____

EXTENSION (Not Accounted Above)

H Extension Travel Moment = Hours/Week x 9 = _____

ADMINISTRATION

		Fraction FTE (E)	Factor (F)	Moment ExFx360
γ	3rd Level	_____	1.00	_____
β	2nd Level	_____	1.15	_____
α	1st Level	_____	1.25	_____

University of Missouri - Rolla



SCHOOL OF ENGINEERING
MECHANICAL AND AEROSPACE ENGINEERING

Mechanical Eng. Bldg.
Rolla, Mo. 65401

Telephone
314 341-4661
Chairman
314 341-4662

March 27, 1975

MEMO TO: Academic Council Members

FROM: Robert Medrow, Chairperson, Student Affairs Committee

RE: Recommendation for the withdrawal of recognition from various student organizations

Based upon a decision by the committee at a meeting on March 18, 1975, following a recommendation of the Office of Student Personnel, the following motion is presented.

Whereas the following organizations:

1. American Society of Manufacturing Engineers
- 2. Alpha Sigma Mu
- 3. Sigma Gamma Epsilon
4. Chi Alpha Society
- 5. Christian Science Organization
6. Association of Women Students
7. Table Tennis Club
- 8. Waterpolo Club
9. Inter-Service Council

have not complied with the Manual of Information requirement concerning the submission of officer lists for one or more semesters,

Be it resolved that recognition is withdrawn from these organizations.

Points of information:

1. On March 27, 1975 a memo concerning the above action was sent to the last known faculty advisor of each organization. The memo contained a request that I be informed if the organization was still functioning. The organizations from which a positive response is obtained prior to 1:15 p.m., April 10, 1975, will be deleted from the motion when it is made.
2. Any individual, not just an organization's advisor, in a position to know that an organization is still functioning is also requested to contact me prior to this April 10 deadline. This, too, will be sufficient cause to delete the organization from the April 10 list.
3. Any organization thus removed from the list will have until May 1, 1975, meeting of the Academic Council to submit an officer list. Any organization thus removed which does not comply with this second deadline will be submitted to the Council in May with a recommendation that recognition be withdrawn.
4. With regard to all of these organizations, any withdrawal of recognition is without prejudice. Thus, at any future date, the organization could again seek University recognition as a student organization. The minimum period of time required for such a process is on the order of six weeks.

University of Missouri - Rolla



CIVIL ENGINEERING

March 12, 1975

Telephone
314 341-4461

Civil Engineering Bldg.
Rolla, Mo. 65401

Memorandum to: Academic Council

From: W.A. Andrews, Chm. Student Scholastic Appeals
Committee, 4.524

RE Report on Campus Procedures in Dealing with
Students in Academic Trouble

The current methods of handling the scholastic appeals of students in academic trouble vary considerably between departments with each school/college having a complete representation of three basic techniques.

In one approach the department chairman is the appeal body, a second technique is the establishment of a faculty committee within the department, and the third method is relegation of authority to the advisors. From there the appeal is taken to the Dean's office.

As far as can be ascertained there seems to be no feeling of student resentment against unfair or capricious treatment. It may well be that one reason for this is the leniency of the university in giving students "a second chance" in these times of low enrollment. In any event it is the feeling of the Committee that the departments and schools/college continue to handle this problem in their own way. We feel that the by-laws should be interpreted to guarantee that a student be properly heard, if an appeal is made to this Committee, in the sense of procedures customarily followed within that department and school/college. It is really beyond the scope of the Committee's competence to rule on the correctness of the actual findings per se.

In the event the Committee feels that a student's appeal has not been properly heard in the appropriate channels of his school/college it will report to the Academic Council which can then reject the report or forward it to the Chancellor and the Dean of the school/college involved.

The Committee submits this report as information to the Academic Council. Seeing no reason to change current practice, the Committee requests no action of the Academic Council other than acceptance of the report.

WAA:ac

Jack K. Boyd
Associate Professor of English
and
Acting Chairman, Department of Humanities

was born in Springfield, Missouri, June 2, 1928. He died in his home in Rolla, Missouri, February 11, 1975. The news of his death was received with great sorrow by his colleagues and his friends.

WHEREAS

after service in the United States Air Force during the Korean War and after employment with the New York Telephone Company as manager of its accounting office, Jack K. Boyd began his teaching career at the University of Missouri-Rolla in September, 1957, and continued to teach until his death.

and

WHEREAS

during his years on the Rolla campus Jack performed many commendable acts of service, among which these may be noted:

1. He assisted importantly in the transition of the Department of Humanities from a service to a degree-granting department. During the transition, he provided leadership by example and sacrifice, returning to school to earn graduate degrees (M.A. 1966; Ph.D. 1971) from the University of Arkansas where he was an exceptional graduate student. The distinguished scholar and editor James C. Cowan has praised Jack's dissertation on Peter DeVries; it is regarded as one of the finest examples of scholarship produced at the University of Arkansas.
2. He always made his administrative knowledge and experience available to his colleagues. His most important administrative service came in the last year and a half when he served as Acting Chairman of the department. For five years he had served as Director of Freshman English, drawing upon his many years of teaching experience at UMR to assist younger colleagues to become more effective teachers.
3. A musician in high school and college, Jack loved music as he loved literature; and he made important contributions to the music program at UMR. His life-long friend Bill Hickman (a professional musician and teacher) recalls that Jack always had the ability to enjoy music completely, to be at home with symphonic and concert music and especially jazz, "which proved to be his favorite form of musical expression." Encouraged in recent years by the interest in big-band jazz shown in high schools and colleges, Jack regarded the inauguration of UMR's

jazz band as a major cultural advancement. The music faculty of UMR regarded Jack as one of their own. They welcomed his encouragement of their endeavors and appreciated the practical assistance he gave as Acting Chairman of the Humanities Department. Students who played in the various musical groups found him to be both a knowledgeable auditor and a source of sympathetic encouragement; for Jack appreciated their efforts to maintain genuine relationships with music while training for other vocations.

4. As a specialist in contemporary literature he influenced the English curriculum significantly. Upon completing his doctorate at Arkansas, he originated and developed several courses in contemporary literature that won admiration from his colleagues for their quality and enthusiastic approval from students who valued them as some of the best offerings in the English curriculum.
5. Jack himself valued teaching above all other university service. By any measure he was an excellent teacher. Responding to his personality, students appreciated his sincerity, his gentleness, and his sensitive awareness of them as individuals. Responding to his teaching, they appreciated the unhurried informality of his classes, the tasteful way he tempered seriousness with humor, and especially his unique style. He was unsurpassed in the use of the allusive word or phrase and was a master of understatement. An ironist with dry wit and great patience, he performed the difficult task of the humanist with quiet grace, articulating the values of the human spirit with such control that students could contemplate and discuss them without embarrassment.

For all his irony and control, Jack cherished the values he treated with assumed diffidence; and colleagues and students alike knew it. His decision to leave a promising career in business for teaching reveals how thoroughly he was imbued with the spirit of humanism. While in the Air Force and later with the telephone company, he had managed to continue his education at a modest pace, taking courses at the University of Colorado, the New School in New York, and Northwestern University. But as his career with the telephone company accelerated, he found less and less time for literature, music, and art. Concluding that it was neither fair to the company nor to himself to continue with divided loyalties, he resigned his job and, at the age of twenty-nine, with no graduate degrees and no teaching experience, came to teach at UMR. The boldness of his move and the sacrifice of security and income reflect the strength of his determination to seek a way of life that would allow for a whole rather than a divided self. Robert Frost, whose poetry Jack always taught, described this search for wholeness in these lines:

But yield who will to their separation,
My object in living is to unite
My avocation and my vocation

As my two eyes make one in sight,
Only where love and need are one,
And the work is play for mortal stakes,
Is the deed ever really done
For Heaven and the future's sakes.

These lines express as well Jack's total commitment to teaching and to the University of Missouri-Rolla.

and

WHEREAS

the faculty of the University of Missouri-Rolla wishes to extend its deepest sympathy to Dr. Jack K. Boyd's wife Mary K. "Tam" Boyd and his two children Kent and Mary Ellen, and to express our appreciation for his years of devoted service to the University, be it hereby

RESOLVED

that a copy of these observations be recorded in the minutes of the meeting of the Academic Council of the University of Missouri-Rolla, April 10, 1975, and that a copy be sent to the Boyd family.

Committee

Clyde G. Wade
Wayne Cogell
Herald J. Cohen



UNIVERSITY OF MISSOURI-ROLLA

1337 J
Office of the Chancellor

210 Parker Hall
Rolla, Missouri 65401
Telephone (314) 341-4114

April 8, 1975

To: Dr. Dudley Thompson, Vice Chancellor
✓ Dr. Jim C. Pogue, Provost and Dean of Faculties
Dr. Adrian H. Daane, Dean, College of Arts & Sciences
Dr. J. Stuart Johnson, Dean, School of Engineering
Dr. T. J. Planje, Dean, School of Mines & Metallurgy
Dr. G. E. Lorey, Dean of Extension
Dr. J. Beverley Clark, Acting Dean, Graduate School
Dr. T. J. O'Keefe, School of Mines & Metallurgy
Dr. D. A. Summers (alternate)
Dr. W. A. Andrews, School of Engineering
Dr. J. H. Tracey (alternate)
Dr. J. T. Park, College of Arts & Sciences
Dr. W. C. Cogell (alternate)
Dr. C. A. Johnson, Chairman, Personnel Committee,
Academic Council

From: Raymond L. Bisplinghoff, Chancellor

RE UMR Advisory Committee on Tenure and Promotion for 1975-76

First, I would like to express to each of you my deep appreciation for (1) the time you have taken to review in detail all of the recommendations for promotion and/or tenure for 1975-76 which were submitted to me for consideration; (2) the pertinent and relevant questions which you posed during the justification presentations offered by department chairmen; (3) the careful attention which you gave to the appeals which were made; and (4) the suggestions and comments which you gave me when I shared with you my proposed decisions.

Second, in arriving at decisions, your advice, comments and suggestions have been invaluable to me. In retrospect, it would have been very difficult for me to reach these decisions without the many helpful inputs from you which provided understanding and permitted evaluation.

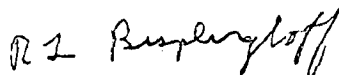
Third, the affirmative recommendations I have made to President Ratchford are shown on the enclosure and are for your information and file.

Fourth, I would hope that you will pass on to others that the decisions made on tenure and promotion have been made in light of compelling arguments which have been presented to me. While I have accepted as a fundamental premise the fact that teaching, research and service may each constitute a valid reason for affirmative action on recommendations, I have expected explicit, demonstrable merit. Mere assignment and routine service in one or more of the above categories do not, in my judgment, constitute merit. Cognizance is taken of the fact that quality may have been implicit in some recommendations which were not approved. However, unless compelling explicit justifications were offered, I would not be able to evaluate and pass judgment on the merit involved.

Finally, I would hope that you will also pass on to others the fact that appeals from my recommendations may be made to President Ratchford. Provost Pogue is prepared to advise any faculty member who wishes to appeal to the President of the format and time constraints for making such appeals.

If you have further questions about the decisions which have been made on tenure and promotion, please let me know. Again, let me express my deep appreciation for the tremendous assistance which you have given to me in this important matter.

Cordially,



Raymond L. Bisplinghoff
Chancellor

RLB/mlc

Enclosure

cc: President C. Brice Ratchford



UNIVERSITY OF MISSOURI-ROLLA

College of Arts and Sciences

Department of Physics

103 Physics Building
Rolla, Missouri 65401
Telephone (314) 341-4781

4/10/75

To: Secretary, Academic Council

Please let Charles McFarland substitute
for me at this afternoon's meeting.

Robert Gerson

Physics Dept.

University of Missouri - Rolla



CIVIL ENGINEERING

Civil Engineering Bldg.
Rolla, Mo. 65401

Telephone
314 341-4461

April 10, 1975

Carol Ann Smith, Secretary
Academic Council
University of Missouri-Rolla
Rolla, Missouri 65401

Dear Carol:

Because of unforeseen circumstances I will be unable to attend the Academic Council meeting today, April 10, 1975.

I have asked Dr. Donald Modesitt to act as my proxy. It is requested that the council extend all rights and privileges to him.

Thank you,

A handwritten signature in cursive script that reads "John L. Best".

John L. Best
Professor of
Civil Engineering

JLB/mab

4-10-75

Clyde Wade is my substitute
at Academic Council for the
April 10, 1975.

Michael Patrick



UNIVERSITY OF MISSOURI-ROLLA

IV. B.

School of Mines and Metallurgy

Department of Mining, Petroleum and
Geological Engineering

125 Mining Building
Rolla, Missouri 65401
Telephone (314) 341-4751

April 14, 1975

Memorandum To: Calendar Committee

From: T. C. Wilson

Re: Results of Meeting

It was decided to amend the calendar as follows:

1975-76

1. Add Washington's Birthday, February 16
2. Change name of Easter Vacation to Spring Break

1976-77

1. Add Washington's Birthday, February 21.
2. Change name of Easter Vacation to Spring Break

In case it is necessary to make the Spring Break a fixed period, the first full week of April appears to be the best, besides corresponding to those dates already selected for the 1976-77 calendar.

Enclosed are copies of calendar as it will be presented to Academic Council.

T
T. C. Wilson

TCW/sw

UMR CALENDAR

1975 - 1976

Fall Semester 1975

Freshman orientation.....	Aug. 20, Wed.
Student registration 8:15 a.m. - 4:30 p.m.....	Aug. 21, Thurs.
Registration ends 3:00 p.m.....	Aug. 22, Fri.
Classwork begins.....	Aug. 25, Mon.
Labor Day holiday.....	Sept. 1, Mon.
Mid-semester.....	Oct. 14, Tues.
Thanksgiving vacation begins 7:30 a.m.....	Nov. 26, Wed.
Thanksgiving vacation ends 7:30 a.m.....	Dec. 1, Mon.
Last class day.....	Dec. 12, Fri.
Reading day.....	Dec. 13, Sat.
Final examinations begin 8:00 a.m.....	Dec. 15, Mon.
Final examinations end 5:30 p.m.....	Dec. 20, Sat.
Fall semester closes.....	Dec. 20, Sat.
Fall Commencement.....	Dec. 21, Sun.

Spring Semester 1976

Registration begins 8:15 a.m. - 4:30 p.m.....	Jan. 8, Thurs.
Registration ends 3:00 p.m.....	Jan. 9, Fri.
Classwork begins 7:30 a.m.....	Jan. 12, Mon.
Washington's Birthday.....	Feb. 16, Mon.
Mid-semester.....	Mar. 10, Wed.
Spring recess begins 7:30 a.m.....	Mar. 11, Thurs.
Spring recess ends 7:30 a.m.....	Mar. 15, Mon.
Spring break begins 7:30 a.m.....	Apr. 16, Fri.
Spring break ends 7:30 a.m.....	Apr. 21, Wed.
Last class day.....	Apr. 30, Fri.
Reading day.....	May 1, Sat.
Final examinations begin 8:00 a.m.....	May 3, Mon.
Final examinations end 5:30 p.m.....	May 8, Sat.
Spring semester closes 5:30 p.m.....	May 8, Sat.
Annual Commencement.....	May 9, Sun.

Summer Session 1976

Registration.....	June 7, Mon.
Classwork begins 7:00 a.m.....	June 8, Tues.
Independence holiday.....	July 5, Mon.
Summer Session closes 12:00	July 31, Sat.

Class session.....	M	T	W	TH	F	S
(excluding examinations Fall	15	16	15	15	15	14
Spring	14	15	16	15	14	13
Summer	6	8	8	8	8	8

NOTE: For the St. Louis Graduate Center, all class sessions/holidays examinations commence at 4:00 p.m. and end at 10:00 p.m. in lieu of the 7:30 a.m. and 5:00 p.m. above. Fall registration is 3-6 p.m. Wed., 13 August; spring registration 3-6 p.m. on Friday, 9 Jan.; Summer registration 4-6 p.m., Thurs., 27 May.

UMR CALENDAR

1976-1977

Fall Semester 1976

Freshman orientation.....Aug. 17, Tues.
 Freshman and Transfer student orientation.....Aug. 18, Wed.
 Student registration 8:15 a.m. - 4:30 p.m.....Aug. 19, Thurs.
 Registration ends 3:00 p.m.....Aug. 20, Fri.
 Classwork begins 7:30 a.m.....Aug. 23, Mon.
 Labor Day Holiday.....Sept. 6, Mon.
 Mid-Semester.....Oct. 15, Fri.
 Thanksgiving vacation begins 7:30 a.m.....Nov. 24, Wed.
 Thanksgiving vacation ends 7:30 a.m.....Nov. 29, Mon.
 Last Class day.....Dec. 10, Fri.
 Reading Day.....Dec. 11, Sat.
 Final examinations begin 8:00 a.m.....Dec. 13, Mon.
 Final semester closes 5:30 p.m.....Dec. 18, Sat.
 Fall semester closes 5:30 p.m.....Dec. 18, Sat.
 Fall commencement.....Dec. 19, Sun.

Spring Semester 1977

Student Registration 8:15 a.m. - 4:30 p.m.....Jan. 10, Mon.
 Registration ends 3:00 p.m.....Jan. 11, Tues.
 Classwork begins 7:30 a.m.....Jan. 13, Thurs.
 Washington's Birthday.....Feb. 21, Mon.
 Mid-semester.....Mar. 5, Sat.
 Spring recess begins 7:30 a.m.....Mar. 17, Thurs.
 Spring recess ends 7:30 a.m.....Mar. 21, Mon.
 Spring Break begins 5:30 p.m.....Apr. 2, Sat.
 Spring Break ends 7:30 a.m.....Apr. 11, Mon.
 Last class day.....May 6, Fri.
 Reading day.....May 7, Sat.
 Final examinations begin 8:00 a.m.....May 9, Mon.
 Final examinations end 5:30 p.m.....May 14, Sat.
 Spring semester closes 5:30 p.m.....May 14, Sat.
 Annual commencement.....May 15, Sun.

Summer Session 1977

Registration.....June 6, Mon.
 Classwork begins 7:00 a.m.....June 7, Tues.
 Independence holiday.....July 4, Mon.
 Summer session closes 12:00 noon.....July 30, Sat.

Class Sessions

(Excluding examinations)	Fall	15	16	15	15	15	14
	Spring	14	15	15	15	15	14
	Summer	6	8	8	8	8	8

NOTE: For the St. Louis Graduate Center, all class sessions/holidays/examinations commence at 4:00 p.m. and end at 10:00 p.m. in lieu of the 7:30 a.m. and 5:00 p.m. above. Registration times and dates to be announced later.

University of Missouri - Rolla

IV. C.



CIVIL ENGINEERING

April 23, 1975

Civil Engineering Bldg
Rolla, Mo 65401

Telephone
314 341-4461

Memorandum to: The Academic Council

From: The Budgetary Affairs Committee

RE Cost and Need for KUMR - October 10, 1974, IV, 3.5b(3)

The Committee undertook to examine: (a) the budget level for this station and sources of funding; (b) the operation (if feasible) of other appropriately selected stations in order to develop cost/benefit background information; (c) the present staffing level, including its character and adequacy for the task performed; (d) the feasibility of operation at a reduced budget level and effect on station output. The Committee recognized that a decision on whether the station should be continued (the "need" aspect) could not be based on budgetary concerns alone, and consequently should receive consideration by the total Council membership. (See minutes of October 10, 1974, meeting of the Council, Vol. IV, No. 3).

The Committee, at its October 25, 1974 meeting, appointed an Ad Hoc Subcommittee to study this matter; it consisted of Messrs. Ronald H. Howell, chairman, A. Glen Haddock, A. Herbert Harvey, and Joseph D. Wollard. The Subcommittee expended great effort in collecting and digesting appropriate data pertaining to the above four areas culminating in the attached report, and completed its work in March. The Committee, at its April 21, 1975 meeting, considered the Subcommittee report and findings; it endorsed the report and arrived at the following conclusions and recommendations for consideration by the Council.

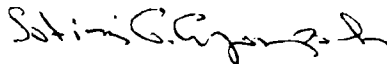
Conclusions

1. The budget level of KUMR is not excessive when compared with similar educational FM radio stations in Missouri and throughout the United States.
2. The staffing level of KUMR is appropriate considering its present mode of operation.
3. The physical facilities of KUMR are excellent and well managed.
4. Construction and operation of KUMR was initiated in order to have a four campus network of educational radio. This was carried out at the University-wide level and higher of the University of Missouri. The FM radio stations are licensed to the Curators of the University of Missouri.

5. If the cost of KUMR is deleted from the campus budget, then the possibility exists that the UMR budget would be cut by that amount and the FM station would continue to be operated through the University-wide administrative structure.
6. KUMR is currently underutilized. The benefits of KUMR could be enhanced if expanded interest were shown by the faculty and administration.
7. The expected utilization of KUMR for extension activities has apparently not developed.

Recommendations

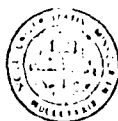
1. The Academic Council should recommend no expansion in UMR resources allocated to KUMR for facilities and staff.
2. The Academic Council should support released time for faculty members who petition to become involved in the development of educational and/or informational programs using the existing KUMR facilities (main channel and SCA).



Sotirios G. Grigoropoulos
Chairman, Budgetary Affairs Committee

SGG:ac
Attachment: Subcommittee Report

University of Missouri - Rolla



SCHOOL OF ENGINEERING
MECHANICAL AND AEROSPACE ENGINEERING

Mechanical Eng. Bldg.
Rolla, Mo. 65401

Telephone
314 341-4661
Chairman
314 341-4662

March 17, 1975

Memorandum to: Budgetary Affairs Committee

From: Ad Hoc Subcommittee on KUMR

RE Cost and Need for KUMR

The charge of this subcommittee was as follows.

"The committee will undertake to examine:

- (a) the budget level for this station and sources of funding;
- (b) the operation (if feasible) of other appropriately selected stations in order to develop cost/benefit background information;
- (c) the present staffing level, including its character and adequacy for the task performed;
- (d) the feasibility of operation at a reduced budget level and effect on station output.

As a means of an introduction the following is quoted from the 1973-74 Annual Report of Educational Media. "The actual construction of KUMR was begun in February, 1973, using a Department of Health, Education and Welfare grant of \$130,707 as well as University funds. (\$105,000 U-Wide Funds and \$48,000 UMR Funds).

The construction and testing phases lasted until August, 1973. The station began broadcasting at 6:00 a.m. August 31, 1973.

KUMR is a full-power non-commercial educational station and is one of four such stations licensed to the Board of Curators. It operates 18 hours per day, 365 days per year. Federal and University regulations prohibit the airing of any commercial material.

During the months preceding broadcast operation, extensive contact was had with University and community groups and individuals in an attempt to identify those areas of need which surfaced: the need for some serious music and cultural programming, as well as a need for an informational type service. Many of those contacted expressed a desire for greater program diversity than was available from existing commercial stations. As a result, KUMR programs two basic types of material: serious classical music throughout the evening hours and a program of diverse music and modular information units during the day.

During an average week of the past year, 26% of KUMR's main channel programming was devoted to general educational, public affairs, and "other" programming, 2% to instructional programming, 33% to the performing arts, and 39% to light entertainment. The FCC approved category of general educational

refers to programs of instructional nature but not for credit; instructional programs refer to courses for credit; public affairs refers to program material relating to current issues or events; other includes news, sports, and certain other types of programming including on-air promotional announcements for upcoming programs.

Examples of each category broadcast during the year include a lengthy series on Black History (general educational), a series on alternate forms of energy (public affairs), two complete broadcasts of the UMR credit course Music Appreciation (instructional), regular weekly broadcasts of Metropolitan Opera (performing arts), and a weekly jazz program (light entertainment).

Special recording services provided by KUMR included recording the entire UMR-MEC Energy Resources Conference, a total of more than 30 hours. Of this, approximately 11 hours were aired with several portions submitted to National Public Radio for possible use on the National network of 167 stations. The fall and spring Women's Conferences were recorded, a total of approximately 15 hours, with six sessions from these meetings being broadcast.

KUMR also recorded and aired portions of the Mining Productivity Conference, two local music festivals, and numerous other special events. In addition, materials have been recorded at the request of the campus OPI, U-Wide, and two interviews with UMR faculty members were distributed as University Close-Up programs. A readily available summary indicates that as of April 5, 1974, 37 UMR faculty and staff members were used as resource people resulting in a total of more than 140 broadcast hours. On a full year basis, this would suggest more than 290 hours of faculty exposure via KUMR.

During its first 9 months of operation, KUMR received more than \$22,000 in outside funds. These included a grant of \$19,833 from the Corporation for Public Broadcasting and one of \$2,700 from the State Department of Education for a series of programs on Career Education Opportunities within the station's coverage area. An additional proposal for \$13,234 is under active consideration by the Missouri American Revolution Bicentennial Commission.

In addition to the main channel which can be received with a standard FM receiver, KUMR is also authorized to broadcast on its Subsidiary Communications Authority channel (SCA) which requires a special receiver. Thus, whenever the station is on-the-air, the University has a closed communication system that can be used to meet a variety of special educational needs.

Since KUMR began broadcasting in August, 1973, over 100 hours of instructional programming has been provided via SCA for both campus and extension credit courses. A program was broadcast for the Rolla Public Schools and 54 SCA programs have been rebroadcast from UMC's FM station. Special programming from National Public Radio has been rebroadcast, background music has been provided for the University Center, and weather and scientific information is broadcast between scheduled programs.

.

Also, in order to present information and previous opinions formed on this subject, the following excerpt is quoted from "Position Paper-Learning Resources" prepared by the Ad Hoc Committee on Learning Resources dated May 21, 1974.

" . . . The station operates 18 hours per day, seven days a week. The reduction of "air time" would seem to be an avenue to pursue in these tight budget times. However, the Board of Curators has seemingly committed the University to a high level of public service with its four stations. In addition, KUMR now meets minimal criteria for hours of broadcasting to be eligible for Corporation of Public Broadcasting (CPB) Public Service Grants. KUMR will have two additional staff funded next year by CPB grants in the amount of \$20,000. The reduction of station hours would eliminate these funds. Further, the station would lose its membership in National Public Radio if it does not meet the minimal criteria of CPB.

KUMR has offered several instructional programs on its main channel. In addition, the station seems to be taking the lead in the University System in the development and utilization of materials for SCA.

In short, the station appears to be providing reasonable return on the dollars invested. While the reduction of staff may have serious consequences, the Committee recommends a thorough investigation of the effects of a staff reduction. The Committee strongly recommends the four "independent UM stations function more as a network."

.

This subcommittee has addressed itself to the above four items and has obtained the following data and information.

1) Budget Level and Sources of Funding

For the Fiscal Year 1974-75 the budget level is

\$103,419	S and W
<u>20,150</u>	E and E
\$123,569	FM Radio Station
14,500	Extension Coordinator-Educational Media Account
<u>\$138,069</u>	TOTAL

In addition, there is an additional request pending for approximately \$6,000. This would put the total operating budget at approximately \$144,000. Of this total amount there is a grant of \$19,833 from the Corporation for Public Broadcasting and one of \$2,700 from the State Department of Education.

2) Operation of Other Appropriately Selected Stations

The budget appropriations for certain state supported educational radio stations are listed on page 4.

BUDGET APPROPRIATIONS COMPARISON
FY/74/75

<u>Univ. of Mo.</u>	Salary & Wage	Expense & Equipment	Total Allocation
KCUR-FM Kansas City	\$128,286	\$36,990	\$165,276
KWU-FM St. Louis	108,900	47,177	156,077
KBIA-FM Columbia	76,459	32,651	111,110
KUMR-FM Rolla	103,419	20,150	123,569
 <u>State Universities</u>			
KSMU-FM Springfield	36,155	14,258	50,413
KCMW-FM Warrensburg	49,661	17,121	66,782
KXCV-FM Marysville	59,260	24,662	83,922

Other information relative to funding and the operational nature of the FM radio stations operated by the University of Missouri was also obtained. This data is tabulated on page 5.

This information was requested in order to compare the budget and the operational nature of KUMR with similar stations in the system. For comparison purposes, KUMR is Station #3. From this data it is obvious that KUMR is not over budgeted nor over-staffed when compared to its sister stations at the University of Missouri.

It should be noted that it is difficult to obtain exact budget values for each station since, in some cases, items and staff may be listed in another budget category even though they might be used at the radio station. It should also be noted that, in at least two instances, the radio station serves students in Radio-TV courses and thus derives some services from this source.

The following page 6 contains a summary sheet of the Average Station Profile from the Corporation for Public Broadcasting. This profile allows comparison of KUMR activities with the activities of other similar stations across the country. Again these comparisons show that KUMR is not excessively budgeted nor is it over-staffed for the type of programming which it is doing.

AVERAGE STATION PROFILE

CPB-QUALIFIED PUBLIC RADIO STATIONS:
FISCAL YEARS 1971-1973

	<u>FY 1971</u>	<u>FY 1972</u>	<u>FY 1973</u>
(Number of stations) . . .	(103)	(121)	(144)
FINANCE			
Income	\$ 117,737	\$ 127,446	\$ 130,572
Direct Operating Costs	101,942	106,714	110,538
Capital Expenditures	13,350	23,664	19,072
EMPLOYMENT			
All employees*	19.7	21.6	20.6
Full-time	8.3	11.0	11.2
Part-time	11.0	10.7	9.5
Full-time employees (radio only)		7.4	7.5
Male		5.7	5.8
Female		1.7	1.8
Part-time employees (radio only)		9.6	8.1
Male		7.6	6.1
Female		2.0	2.1
Joint employees**		13.3**	14.3**
Full-time		10.7	10.5
Part-time		3.1	3.0
BROADCAST†			
Annual broadcast hours	4,838	5,351	5,923†
Weekly broadcast hours	97.2	107.1	114.4
Daily broadcast hours	13.9	15.3	16.3
Type of programming:			
Educational, informational and cultural programming for a public audience	83.9 %	84.3 %	82.4 %
In-school and in-service programming for a specific audience	2.9 %	2.7 %	2.6 %
All other programming	13.2 %	13.0 %	15.0 %
Broadcast hours by source			
Locally produced	65.6 %	67.3 %	67.2 %
Interconnection	5.9 %	8.0 %	13.1 %
All others	28.5 %	24.7 %	19.7 %
Music broadcast hours (annual)	3,041	3,335	3,753
Classical	61.3 %	60.4 %	62.5 %
Jazz	8.0 %	7.8 %	9.2 %
Rock	7.3 %	7.5 %	7.7 %
Folk	3.8 %	4.0 %	3.7 %
Ethnic	4.3 %	5.5 %	3.5 %
Show	2.2 %	2.8 %	1.9 %
All other	13.1 %	12.0 %	11.5 %
PRODUCTION†			
Local production hours (annual)	2,212	3,337	3,776†
Live	56.0 %††	73.8 %††	16.8 %††
Tape	44.0 %††	26.2 %††	16.3 %††
Recorded music	N/A	N/A	66.9 %††

* All employees consist of both radio-only employees and joint employees.

** Persons working for both television and radio operations of a dual licensee. There were 42 such stations in FY 1972 and 50 in FY 1973. The figures of this category were derived from the number of joint employees divided by number of dual licensee operated stations.

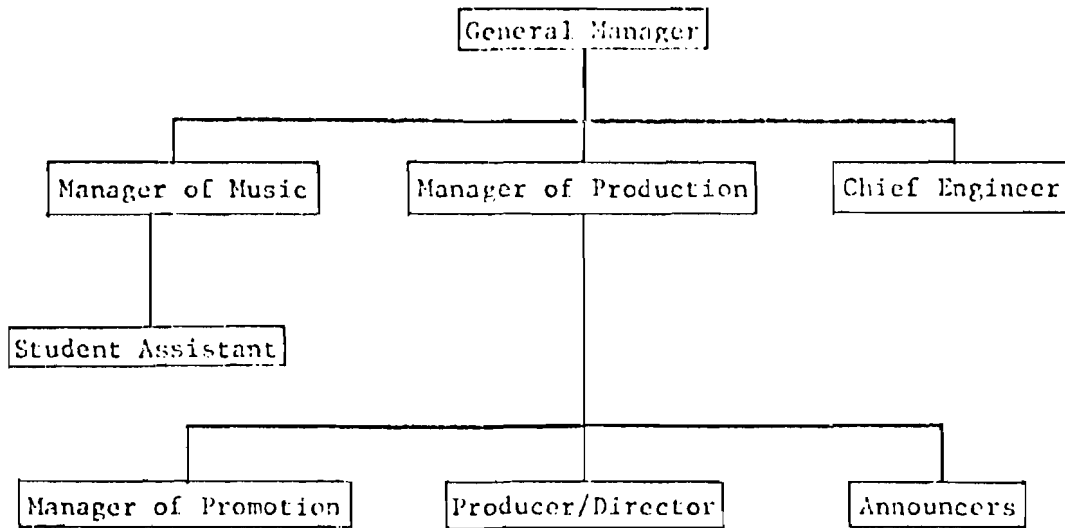
† Beginning with FY 1973, only those stations qualified for CPB Community Service Grants from the beginning of the fiscal year are considered. There were 121 such stations in FY 1973. Therefore, direct comparison between FY 1973 and the prior fiscal years are not applicable.

†† For FY 1973 data, recorded music production hours are taken out of live and tape and reported under recorded music.

Source: Statistical Report of CPB-qualified Radio Stations: Fiscal Year 1973, Office of Communication Research, CPB-Direct/ED/NCEC Publication Series (forthcoming issue).

C. Staffing Level - Character and Adequacy

Shown below is the organization chart for KUMR under its current operating policy.



ORGANIZATION CHART - KUMR - 1975

Listed below are the current staff positions of KUMR with their sources of funding.

<u>STAFF</u>	<u>FTE</u>	<u>SOURCE OF FUNDING</u>
General Manager	1.0	UMR (KUMR S & W)
Manager of Music	1.0	UMR (KUMR S & W)
Manager of Production	1.0	UMR (KUMR S & W)
Chief Engineer	1.0	UMR (KUMR S & W)
Manager of Promotion	1.0	UMR (KUMR S & W)
Producer/Director	1.0	UMR (KUMR S & W)
Producer/Director	1.0	CPB (Corp. for Public Broad.)
Announcer	1.0	UMR (KUMR S & W)
Announcer	1.0	CPB (.75), UMR (Ext. Div. 0.25)
Announcer	.5	UMR (KUMR S & W)
Secretary	1.0	UMR (KUMR S & W)
Student Assistants (5)	.2	UMR (KUMR S & W)
Student Assistant (1)	.2	UMR (Work/Study)

Information Relative to Funding and
Operational Nature of FM Radio Network
University of Missouri
February 1975

Campus FM Radio Stations

	#1	#2*	#3	#4
Budget for 1974-75	\$145,842	\$165,276	\$127,229	\$150,827
S & W	103,191	144,841	99,715	103,650
Portion from grants	-----	16,555	15,552	-----
E & E	42,651	37,435	27,514	47,177
Portion from grants	-----	445	4,281	-----
Hours per week on air	133	126	126	163
Programming categories and percentage devoted to categories:				
a) General education, news and public affairs	25%	30%	28%	20%
b) Classical music	50%	31%	34%	70%
c) Easy listening music and jazz	25%	31%	38%	10%
d) Other cultural information	---	8%	---	---
Number of full-time professional staff	8	10	9	7
Number of other full-time staff	0	0	1	1
Number of part-time staff	3	1	1	1
Total FTE assigned to radio station operation	9.5	12.25	10.5	8.5
Number of students participating in radio station operation	350	40	6	30
Percent of funding from other departments	33%	0	1.8%	0
Duties of full-time professional staff other than radio activities	Advises and teaches 230 speech & journalism majors per year, plus 120 non-speech & journalism majors.	Chm. Dept. of Speech; assists with all technical problems for TV and Radio courses; advises 35-40 Radio-TV majors; teaches Radio-TV courses.		Teaches 3-hr. Speech class (receives extr. compensations)

*Funds and staff for SCA operation not included in these data.

As a result of several personal interviews with people directly related to the radio station as well as inquiries of outside sources, the committee finds that the staff level of KUMR is at an appropriate level. The committee also finds that the staff is adequate for the present mode of operation of KUMR.

In addition to the above findings, the KUMR staff has some personnel with exceptional qualifications and experience. This fact has been supported by professional recognition at the state and national levels (Missouri Public Radio Association, Radio Advisory Council to the Corporation for Public Broadcasting).

D) Feasibility of Operation at a Reduced Budget Level

At the present time KUMR is broadcasting at the minimum number of hours necessary in order to maintain its current license. The license to broadcast as KUMR is issued to the Board of Curators.

At the present time, approximately 80% of air time is made up of programs involving recorded (tape or records) material. This means that it is not reasonable to attempt to reduce the budget level by having KUMR do more "recorded material" programs. At the present level of programming, KUMR requires the budget level and staff level which currently exists. If the staff level is reduced this would eventually cause a change in the quality of programming currently in existence on KUMR. A reduction in the level of the budget would also lead to a reduction in current level of programming quality.

One of the real benefits of KUMR to the University of Missouri-Rolla is the opportunity to air locally produced programs. The locally produced programs can tell, not only the people in South Central Missouri but others in the State through NPR and the UM-FM network, about the unique education and research programs at UMR. The locally produced programs on KUMR can subtly inform a great number of Missouri residents about engineering and science education and research at the Rolla Campus of the University of Missouri.

From our study, it is apparent that KUMR presents a unique opportunity for this campus to tell its story to the people of Missouri. At the present time, the full potential of KUMR is not being used by the faculty, administration, nor extension. There appear to be many opportunities available to the UMR Campus for better utilization of the existing KUMR facilities. These opportunities should be explored and used by all segments of the UMR campus.

Another suggestion has been to rebroadcast from KBJA-FM in Columbia and thus reduce staff at KUMR-FM. Again, this is not possible with the license issued to KUMR. The station must serve the local community and rebroadcast from Columbia does not constitute "serving of the local community." This does not appear to be a feasible nor a desirable way to reduce the budget level.

There appear to be no obvious nor simple ways to reduce the current budget level of KUMR. Any proposed reduction should be carefully reviewed in order to assess their effects on station output and the quality of programming originating from the UMR Campus. It is obvious that the budget level of any Department or Division at UMR could be reduced (some more than others) however careful consideration should go into any decision affecting the quality of the UMR Campus.

.....

Also, included on the following pages, are parts of the Status Report of KUMR for January 27, 1975. This provides additional information about the current operation and goals for KUMR. Quoting:

Programs

Below you will find an analysis of our programming for the week of December 15, 1975. As usual, I have used the Federal Communications Commission categories of general educational (includes programs of an instructional nature but not for course credit such as home canning), public affairs (such things as hearings on food prices, discussion of locally controversial topics such as the type of city government, etc.), performing arts (essentially classical music), light entertainment (all other music, children's programs, etc.), other (news, sports, weather, stock reports, etc.)

The identification of source is also in Federal Communications Commission categories. These are local (created from scratch in Rolla), National Public Radio Network, recorded (drawn from records and tapes but produced locally such as classical music or jazz programs), and other (sources such as Radio Canada, Metropolitan Opera, etc.).

Type of Program Broadcast

	Hours	Percent of Total Schedule
General Educational	5.22	4.2
Public Affairs	12.47	9.9
Performing Arts	42.07	33.4
Light Entertainment	48.79	38.7
Other	17.45	13.8
<hr/>		
TOTALS	126	100

Source

	Hours	Percent of Total Schedule
Local	17.78	14.1
NPR	19.67	15.6
Recorded	83.64	66.4
Other	4.91	3.9

In addition to the programming outlined above, KUMR has also continued its 126 hours of weekly SCA broadcasts.

National Public Radio

The National Public Radio Network now consists of 175 public radio stations located in nearly every state in the Union. During 1974, 11 KUMR produced programs were aired on this network. In addition to the promotional value this holds for the University of Missouri-Rolla, KUMR received \$282,35 in payments from NPR for this programming.

1975 Goals

The station has established a number of goals for 1975. The most important of these are:

1. Strengthen old and develop new relationships with the community of service;
2. Assist, through programming efforts, in the building of closer relationships between the University and the community;
3. Increase the visibility of KUMR through greater public awareness efforts;
4. Conduct a comprehensive evaluation of the programming practices of KUMR.

Current Projects1. Evaluation

- A. Arrangements have been made with a national radio audience measurement service (Hooper, Inc.) to survey the KUMR listening audience during the second week in February. This survey will encompass all of the grade A contour (35 mile radius from Rolla).
- B. A project which will lead to an exhaustive daytime program evaluation by listeners will begin February 1, 1975.
- C. A formal method of evaluation by members of the UMR community is currently in the planning stage.

2. Programming

- A. A comprehensive in-depth series on the University of Missouri-Rolla is currently in the production stage. We expect to begin broadcasting the first of these programs in February.
- B. A similar series focusing on the entire Rolla public school system is also in production. The first of these programs will be broadcast March 3.
- C. Last fall KUMR initiated a policy of airing a number of programs dealing with a specific locale within the primary service area. During the month of February this will be the city of Salem.

3. Public Awareness Activities

- A. Using funds provided by the Corporation for Public Broadcasting, a special one-time only mailing was made to all households in Rolla, Salem, St. James, and Waynesville.
- B. Using funds provided by the Corporation for Public Broadcasting, a special FM listening guide was printed and is presently being distributed.
- C. A limited edition high-quality brochure is now in the planning stage. We expect publication not earlier than April of this year.

4. Other

During 1974, KUMR was the recipient of \$19,833 from the Corporation for Public Broadcasting and \$2,700 from the State Board of Education. These grants have been used for such things as the acquisition of new staff, program production, and various other projects.

KUMR has been recognized by the Corporation for Public Broadcasting as a leader in the development and use of SCA. This has been apparent in that CPB consistently refers people having a need for information or advise on SCA to KUMR.

CPB has singled out KUMR as a station which can "provide valuable data for the final drafting of standards" to be used as "engineering guidelines for the future development of public radio stations in the United States." As a result, KUMR will shortly be visited by a representative of G. A. Gilbreath and Associates, the company working with CPB on these standards.

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April 30, 1975

The following is a proposed amendment by the Engineering Management Department to the Curricula Committee report. It will be moved that the following changes in course pre-requisites be approved.

<u>COURSE NO.</u>	<u>COURSE TITLE</u>	<u>PRESENT PREREQUISITE</u>	<u>PROPOSED PREREQUISITE</u>
E.Mgt. 201	Engineering Economics	Econ 100	None
E.Mgt. 251	Marketing Management	Econ 100;Mgt.314	None
E.Mgt. 252	Financial Management	Mgt. 131,314	Mgt. 130
E.Mgt. 256	Personnel Management	Econ 100,Mgt. 314	Mgt. 210, Econ. 100
E.Mgt. 260	General Management	Mgt. 314,351,352,382 Math 215 or consent of department	Mgt. 210 or Consent of department
E.Mgt. 265	Seminar in Management	Mgt. 314 & senior standing	Junior standing
E.Mgt. 282	Production Management	Mgt. 314,CSc 73	CSc 73, Mgt. 210
E.Mgt. 301	Adv. Engineering Economy	Mgt. 201 or consent of department	Math 215 or equiva- lent. Closed to 201 student
E.Mgt. 321	Development of Management Thought	Senior or graduate standing	Mgt. 210 or 314
E.Mgt. 332	Cost Accounting	Econ 100,Mgt.131 or 322	Senior or graduate standing
E.Mgt. 336	Labor Mgt. Relations II	Mgt. 335	Senior or graduate standing or consent of department
E.Mgt. 353	Managerial Economics	Econ 101	Econ 100,101 or equiv.
E.Mgt. 361	Project & Systems Mgt.	None	Senior, graduate or consent of dept.
E.Mgt. 364	Value Analysis	None	Mgt. 201
E.Mgt. 366	Sales Mgt: Control & Research	None	Math 115,215 or con- sent of department
E.Mgt. 385	Mgt. of Quality Assurance	Math 215	Math 115,215 or con- sent of department
E.Mgt. 441	Case Studies in Mgt.	None	Consent of Instructor
E.Mgt. 451	Adv. Marketing Mgt.	Mgt. 353,314 or consent of dept.	None
E.Mgt. 452	Adv. Financial Mgt.	Mgt. 322,353,314 or consent of dept.	Math 115,215 or equivalent
E.Mgt. 454	Adv. Production Mgt.	Mgt. 314,CSc 260 or consent of department	Math 215 or equiv.



April 30, 1975

The following is a proposed amendment by the Engineering Management Department to the Curricula Committee report. It will be moved that the following changes in course pre-requisites be approved.

<u>COURSE NO.</u>	<u>COURSE TITLE</u>	<u>PRESENT PREREQUISITE</u>	<u>PROPOSED PREREQUISITE</u>
E.Mgt. 201	Engineering Economics	Econ 100	None
E.Mgt. 251	Marketing Management	Econ 100;Mgt.314	None
E.Mgt. 252	Financial Management	Mgt. 131,314	Mgt. 130
E.Mgt. 256	Personnel Management	Econ 100,Mgt. 314	Mgt. 210, Econ. 100
E.Mgt. 260	General Management	Mgt. 314,351,352,382 Math 215 or consent of department	Mgt. 210 or Consent of department
E.Mgt. 265	Seminar in Management	Mgt. 314 & senior standing	Junior standing
E.Mgt. 282	Production Management	Mgt. 314,CSc 73	CSc 73, Mgt. 210
E.Mgt. 301	Adv. Engineering Economy	Mgt. 201 or consent of department	Math 215 or equiva- lent. Closed to 201 student
E.Mgt. 321	Development of Management Thought	Senior or graduate standing	Mgt. 210 or 314
E.Mgt. 332	Cost Accounting	Econ 100,Mgt.131 or 322	Senior or graduate standing
E.Mgt. 336	Labor Mgt. Relations II	Mgt. 335	Senior or graduate standing or consent of department
E.Mgt. 353	Managerial Economics	Econ 101	Econ 100,101 or equiv.
E.Mgt. 361	Project & Systems Mgt.	None	Senior, graduate or consent of dept.
E.Mgt. 364	Value Analysis	None	Mgt. 201
E.Mgt. 366	Sales Mgt: Control & Research	None	Math 115,215 or con- sent of department
E.Mgt. 385	Mgt. of Quality Assurance	Math 215	Math 115,215 or con- sent of department
E.Mgt. 441	Case Studies in Mgt.	None	Consent of Instructor
E.Mgt. 451	Adv. Marketing Mgt.	Mgt. 353,314 or consent of dept.	None
E.Mgt. 452	Adv. Financial Mgt.	Mgt. 322,353,314 or consent of dept.	Math 115,215 or equivalent
E.Mgt. 454	Adv. Production Mgt.	Mgt. 314,CSc 260 or consent of department	Math 215 or equiv.

April 24, 1975

MEMORANDUM TO: Members of the Academic Council
 FROM: Prof. Ralph E. Schowalter, Chairman
 Rules, Procedures and Agenda Committee
 RE: Academic Council Elections

At the May 1, 1975 meeting of the Academic Council, the following names will be placed in nomination for the respective offices and committees:

1. Election of Council Officers for 1975-76

Chairman - Johnson, J. W.
 Vice-Chairman - Ownby, P. D.
 Secretary - Pogue, M.
 Parliamentarian - Armaly, B. F.

2. Election of Academic Council Members to Standing Committees

4.512 Admissions and Academic Standards (3)

Baird, T. B.	Caruso, A. C.
Russell, R.	Pauls, F. B.
Pogue, M.	Patterson, G. K.
Hicks, T. L.	Rhea, L. G.

4.514 Budgetary Affairs (2)

Pyron, H. D.	Ownby, P. D.
Fuller, H. Q.	Harvey, A. H.
Barr, J. W.	Swift, F. W.
Hentzel, D. R.	

4.516 Curricula (1)

Modesitt, D. E.	Russell, R.
Pursell, L. E.	Leighly, H. P.

4.517 Facilities Planning (3)

Summers, D. A.	Ziemer, R. E.
Selheimer, H. E.	Pogue, M.
Hornsey, E. E.	Pursell, L. E.
Harvey, A. H.	

4.519 Personnel (2)

Josey, L. J.	Cogell, W. C.
Muir, C. D.	Johnson, C. A.
Nelson, J. B.	Gerson, R.
Leighly, H. P., Jr.	Ruhland, D. J.

4.521 Rules, Procedures and Agenda (3)

Cogell, W. C. - A&S	Fowler, E. R. - Engr.
Robertson, B. K. - A&S	Taylor, J. M. - Engr.
Ownby, P. D. - M&M	Ziemer, R. E. - Engr.
Summers, D. A. - M&M	

(one to be elected from each school/college)

4.522 Student Affairs (2)

STUDENT MEMBER (1)

Crowley, R. E.	Hagner, George
Hentzel, D. R.	Montana, Duane
Patterson, G. K.	
Schaefer, R. A.	

4.523 Student Awards and Financial Aids (3)

Arnaly, B. F.	Grant, S. K.
Baird, T. B.	Schaefer, R. A.
Caruso, A. C.	Schowalter, R. E.
Crowley, R. E.	

4.524 Student Scholastic Appeals (3)

Barr, J. W.	Pauls, F. B.
Grant, S. K.	Swift, F. W.
Hicks, T. L.	

RES:njj



UNIVERSITY OF MISSOURI-ROLLA

College of Arts and Sciences

Department of Physics

103 Physics Building
Rolla, Missouri 65401
Telephone (314) 341-4721

May 1, 1975

Memo To: Chairman, Academic Council
From: Chairman, Academic Freedom Committee
Subject: Committee activities, 1974-75

The Academic Freedom Committee began the 74-5 school year with a charge to investigate University Police files on individuals. This effort coincided with the memo from Joseph D. Wollard, dated October 22, 1974, which outlines an acceptable policy on these files and individual privacy.

The committee was also requested to examine a discussion draft on Affirmative Action Grievance Appeal Procedure (U-wide). Members of the committee found the document generally suitable in spirit, the major objection being that in part IV B, a procedure is proposed which has no termination. It is believed that this objection has been noted on other campuses.

Respectfully submitted,

A handwritten signature in cursive script that reads "Robert Garson".

Robert Garson

db

University of Missouri - Rolla



Rolla, Missouri 65401

April 30, 1975

Memorandum To: Dr. B. Ken Robertson, Chairman, Academic Council

From: Dr. Robert C. Waters

RE _____

I am going to be off campus on May 1, hence I will be unable to attend the Academic Council Meeting. Dr. J. Bryon Nelson is my designated replacement.

Thank you.

Sincerely

RCW

A handwritten signature in cursive script, appearing to read "RCW".

RCW:ds

cc; J. B. Nelson



UNIVERSITY OF MISSOURI-ROLLA

1 May 1975

School of Engineering

Department of Engineering Mechanics

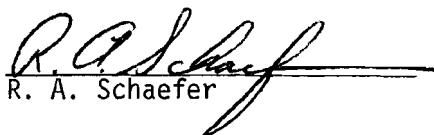
107 Old Metallurgy Building
Rolla, Missouri 65401
Telephone (314) 341-4581

MEMO TO: Ken Robertson, Chairman
Academic Council

FROM: R. A. Schaefer

RE: Proxy

Since I will be unable to attend the May 1 meeting of the Academic Council, I am appointing Dr. David Oglesby as my proxy for this meeting.


R. A. Schaefer

vh

1. The Council moves to vote its appreciation to Ken Robertson for his very fine leadership as the Academic Council Chairman during the year 1974-75.

2. The Council moves to vote its appreciation to all other officers for their efforts and a special thanks to Carol Ann Smith for stepping in a very difficult position when Lon Pearson had to resign because of professional commitments.

NOTE

The voluminous 100-page report of the Budgetary Affairs Committee (1973-74) has been placed in the book of documents for that year to avoid constant handling.



DEPARTMENT OF ELECTRICAL ENGINEERING
OFFICE OF THE ALCOA FOUNDATION PROFESSOR
January 28, 1975

Telephone
314-341-4509
314-341-4506

G15 Electrical Engr. Bldg.
Rolla, Mo. 65401

MEMORANDUM TO: Lon Pearson

FROM: Derald Morgan, Chairman 73-74
Publications Committee

RE: Annual Reports

Lon,

I seem to have some difficulty locating a copy of a report that I filed sometime in May last year. If I am unable to locate a carbon copy, I will have to reconstruct some kind of report with little or no information for doing so at this point.

*Derald
by dck*

Derald Morgan
DICTATED BUT NOT REVIEWED

JDM:dck

University of Missouri - Rolla



123 Electrical Engr. Bldg.
Rolla, Mo. 65401

DEPARTMENT OF ELECTRICAL ENGINEERING

Telephone
314 341-4506

January 27, 1975


MEMORANDUM TO: Lon Pearson, Secretary
Academic Council

FROM: G. G. Skitek, Chairman Assemblies,
Programs and Public Occasions
(4.513) Committee

RE: Annual Report (1973-74) of 4.513
Committee

A list of public events conducted by the 4.513 Committee is enclosed, together with the list of chairmen and sub-committee members.

Also enclosed is a list of public events for the school year 1974-75.


G. G. Skitek, Chairman
4.513 Committee

GGs:njj

Enclosures

Sub-Committees of the Faculty Committee on Assemblies, Programs, and Public Occasions (4.513). (Approved by deans of respective schools).

FOR THE SCHOOL YEAR 1974-75

1. Parent's Day (Sept. 28, 1974)
Sam Burton (In Charge and Chairman). . . Adm.

Rahner, BobBusiness Office
White, Sally.Adm.
Jenks, K. (Mrs.). . .CAS
Pogue, M. (Mrs.). . .CAS
Ward, J.Student Personnel
Wilson, T.SMM
Fannon, RonSE
Musick, TomAdm.
Holt, Darsey.Student
Barrack, NickStudent

2. Homecoming (Oct. 11-12, 1974)

Frank Mackman (In Charge)
R. Schaefer (Chairman) .SE

Asher, K.Adm.
Cress, D.Adm.
Kerr, R.CAS
Munger, P.SE
Oakley, D.Music
Skitek, G. G.SE
Wolf, R.SMM
Two Students (To be Selected)

3. University Day (Nov. 9, 1974)

Dean Planje (In Charge)
J. Bayless (Chairman). .SE

Asher, K.Adm.
Bayless, J.SE
Allen, D.Adm.
Carroll, W.CAS
Cress, D.Adm.
Dillman, N.SE
Garner, M.SE
Johnson, J.SE
Miller, R.CAS
Pogue, M. (Mrs.). . .CAS
Remington, C.SE
Wilson, T.SMM
Wolf, BobSE
One Student (To be Selected)

4. National Merit Day Sub-Committee of University Day Committee (Nov. 8-9, 1974)
 - G. Lewis (Chairman) . . .SMM
 - Haddock, G.CAS
 - Law, D.CAS
 - Nau, R.SE
 - Enzie, R.CAS
 - Two Students (To be Selected)

5. Challenge 1975 (March 8, 1975)
 - Patterson, G. (Chairman) . . .SE
 - Cress, D.Adm.
 - Edwards, R.SMM
 - Lewis, G.SMM
 - Long, G.CAS
 - Miller, R.CAS
 - Two Students (To be Selected)

6. Commencement (Dec. 21, 1974 and May 9, 1975)
 - R. Johnson (In Charge)
 - R. Schaefer (Chairman) . . .SE
 - Asher, K.Adm.
 - Bayless, J.SE
 - Brooks, ArtRegistrar
 - Christiansen, C.R. .SMM
 - Jenks, K. (Mrs.) . . .CAS
 - Oakley, D.Music
 - Youngblood, Carl . .Mil. Science
 - Two Students (To be Selected)

7. Science and Engineering Fair (April 4-5, 1975)
 - Dean Adrian H. Daane (In Charge)
 - M. Cole (Chairman)CAS
 - Amos, John M.SE
 - Anderson, Richard . .CAS
 - Erkiletian, Dick. . .CAS
 - Grant, Sheldon K. . .CAS
 - Hufham, James B. . .CAS
 - Kerr, RichardCAS
 - McDonald, Hector O. .CAS
 - Morris, Jack.SE
 - Rivers, Jack.CAS
 - Sauer, H.SE
 - Wixson, Bobby G. . .SE
 - Wuttig, Manfred . . .SMM
 - One Student (To be Selected)

8. Calendar Committee
R. Carlile (Chairman). Adm.
Brooks, A. Registrar
Clark, J. B. SMM
Cunningham, F. SE
Kerr, R. CAS
Oakes, R. CAS
Rhea, L. SE
Wilson, T. SMM
One Student (To be Selected)

Student members will be appointed by President of Student Council come Fall Semester.



G. G. Skitek
Chairman 4.513
Committee (1973-74)

GGs:JHT:njj

cc: Chancellor Thompson
Dean Johnson
Dean Daane
Dean Planje
Dean Pogue
Dean McFarland
Dr. J. Earl Foster, Academic Council Secretary

EVENTS FOR 1974-75

Homecoming	Oct. 17-18.	1975
Parent's Day	Oct. 25	1975
National Merit Day	Nov. 7-9.	1975
University Day	Nov. 8.	1975
*Commencement (Dec.)	Dec. 21	1975
Challenge '76.	March 6	1976
Science and Engr. Fair	April 2-3	1976
*Commencement (May)	May 9	1976

*These dates have been approved through the 1975-76 Calender. Other dates that have been established: Missouri Industry Day - Sept. 23, 1975; District Music Festival - March 22, 1975.

University of Missouri - Rolla



DEPARTMENT OF HUMANITIES

Rolla, Mo. 65401

Telephone
314 341-4631

22 January 1975

MEMO TO: Carol Ann Smith, Secretary of Academic Council

FROM: David A. Law, Chairman of Academic Freedom Committee (1973-74)

RE: Annual Report

Out-going Secretary of the Academic Council, Lon Pearson, reminded me that I had not filed an annual report for the Academic Freedom Committee for 1973-1974. That report follows:

ANNUAL REPORT OF THE ACADEMIC FREEDOM COMMITTEE

The Academic Freedom Committee, consisting of J. B. Clark, D. Day, C. Johnson, D. Law, H. P. Leighly, G. McPherson, and A. Dekock, met on September 11, 1973 to consider times for meeting and to discuss the charge from the Academic Council to cooperate with the Tenure Committee and the Personnel Committee to draw up a statement on the jurisdiction for handling faculty grievances. At this meeting D. Law and G. McPherson were elected to serve as the Academic Freedom Committee representatives on a sub-committee on faculty grievances, made up of the three committees.

The sub-committee starting meeting weekly on the 27th of September, 1973, and on October 25th, 1973 it submitted its recommendations to the Academic Council.

The Academic Freedom Committee met again on November 11, 1973 to discuss the recommendations of the sub-committee and to plan future meetings. It was decided to have meetings only when matters were referred to the committee.

In May, 1974, the Academic Freedom Committee met to elect a new chairman for 1974-75. Robert Gerson was elected.

Sincerely,

A handwritten signature in cursive script that reads "David A. Law".

Dr. David A. Law

JAN 06 1975

University of Missouri - Rolla



DEPARTMENT OF HUMANITIES
October 18, 1974

Rolla, Mo. 65401

Telephone
314 341-4631

MEMO TO: Jim Pogue
FROM: Lon Pearson

Since I was elected Secretary of the Academic Council on May 2, 1974, Earl Foster forwarded to me immediately the attached memo from your office. However, no report was attached. I am sorry to report that my own personal copy has not been located yet. Would it be possible for your office to locate a copy of the report for the official Academic Council files?

Thank you for your help.

1-3-75

Jim,

I thought I sent this in Oct. I just found it, so my desk must look worse than your desk.

Lon

Dr. Pearson,
Here it is
S. Keller
Dept. of Edu.

SUMMARY OF UMR CURRICULA COMMITTEE CHANGES

REPORT TO THE UMR FACULTY

July 1, 1973 Through June 30, 1974

Recommended to the UMR Faculty

<u>Department/School</u>	<u>Adds</u>	<u>Drops</u>	<u>Changes</u>
Chemistry	0	2	0
Computer Science	2	7	9
Geology	0	11	3
Humanities	0	8	0
Life Science	0	0	3
Mathematics	3	3	12
Music	2	0	0
Physics	0	4	0
Social Sciences	3	28	1
College of Arts & Sciences Total	10	63	28
Aerospace Engineering	0	2	2
Chemical Engineering	1	4	3
Civil Engineering	1	3	1
Electrical Engineering	1	1	2
Engineering Management	2	2	3
Engineering Mechanics	1	12	1
Engineering Technology	0	1	0
Mechanical Engineering	4	2	3
School of Engineering Total	10	27	15
Ceramic Engineering	3	1	5
Geological Engineering	1	0	2
Metallurgical Engineering	2	7	4
Mining Engineering	1	1	0
Petroleum Engineering	0	1	0
School of Mines & Metallurgy Total	7	10	11
Air Force ROTC Total	1	0	4
U M R T O T A L	28	100	58

UMR CURRICULA COMMITTEE

APPROVED COURSE ADDITIONS, DELETIONS, CHANGES

1973-74

COLLEGE OF ARTS & SCIENCES

Additions:	Comp Sci 200	Co-Op Work Training (credit variable)
	Comp Sci 303	Software Systems Survey (Lect 3 & consent)
	Math 216	Engineering Statistics II (Lect 3)
	Math 229	Elementary Differential Equations & Matrix Theory (Lect 3)
	Math 470	Theory of Reliability (Lect 3)
	Music 42	Stage Productions (Lab 1)
	Music 65	Fundamentals of Music (Lect 3)
	Soc Sci-Econ 90	Consumer Economics (Lect 2)
	Soc Sci-Coop Teacher Ed 75	Perspectives in Education - Admissions Seminar (Lect 1)
	Soc Sci-Hist 254	The Antebellum South 1607-1861 (Lect 3)
Deletions:	Chem 6	Qualitative Analysis
	Chem 349	The Chemistry of Colloids
	Comp Sci 263	Algorithmic Languages for Digital Computers
	Comp Sci 268	Business Data Processing Techniques
	Comp Sci 324	Computer and Programming Systems
	Comp Sci 336	Numerical & Statistical Methods
	Comp Sci 338	Computer Techniques for Management
	Comp Sci 426	Techniques in Operations Research
	Comp Sci 437	Nonlinear Programming
	Geo 224	Stratigraphy of North America
	Geo 271	Seminar

COLLEGE OF ARTS & SCIENCES (Cont'd)

Deletions:	*Geo 284	Introduction to Geophysics
	Geo 311	Materials Microscopy
	Geo 371	Advanced Geology for Engineers
	Geo 421	Paleozoic Paleontology
	Geo 428	Micropaleontology
	*Geo 481	Magnetic Fields of Earth
	*Geo 482	Gravity Fields of Earth
	*Geo 483	Electrical Properties of Earth
	Geo 484	Exploration Seismology
	Hum-Chinese 200	Beginning Chinese
	Hum-Engl 3	Rhetoric and Composition
	Hum-Engl 10	Developmental Reading
	Hum-Greek 1	Beginning Greek
	Hum-Music 45	The Madrigal Singers
	Hum-Philo 10	Introduction to Ethics
	Hum-Philo 342	Metaphysics
	Hum-Philo 344	Theory of Knowledge
	Math 257	Mathematics for Engineers I
	*Math 352	Function - Complex Variable II
	Math 454	Nonparametric Statistics
	*Phys 1	Physics Orientation
	Phys 10	Physics I
	Phys 211	Thermal Physics
	Phys 453	Molecular Spectroscopy
	Soc Sci Econ 375	Economics of Technology

*Anticipated approval at May 2 Academic Council Meeting.

COLLEGE OF ARTS & SCIENCES (Cont'd)

Deletions: Soc Sci Hist 150 History of Technology
 Soc Sci Hist 155 History of Science
 Soc Sci Hist 171 Foundations of Contemporary Europe 1815-1914
 Soc Sci Hist 173 Contemporary Europe
 Soc Sci Hist 174 History and Philosophy in American Education
 Soc Sci Hist 221 Ancient History
 Soc Sci Hist 250 History of Technology
 Soc Sci Hist 255 History of Science I
 Soc Sci Hist 320 Making of Modern Britain
 Soc Sci Hist 334 Medieval History II
 Soc Sci Hist 337 Europe in the Age of the French Revolution -
 Napoleon
 Soc Sci Hist 345 Age of Jefferson and Jackson

 Soc Sci Hist 375 The History of Black America
 Soc Sci Hist 377 Recent United States History
 Soc Sci Hist 378 Economic History of the United States to 1865
 Soc Sci Hist 379 Economic History of the United States
 1865 to present
 Soc Sci Hist 380 American Intellectual History to 1865
 Soc Sci Hist 381 American Intellectual History Since the
 Civil War
 Soc Sci Hist 382 The History of the West
 Soc Sci Physc 160 Social Psychology
 Soc Sci Psych 358 Concepts of Personality
 Soc Sci Psych 392 Practicum in College Teaching
 Soc Sci Soc 134 Black Culture in America
 Soc Sci Soc 200 Special Problems

COLLEGE OF ARTS & SCIENCES (Cont'd)

Deletions: Soc Sci Soc 289 Social System

Soc Sci Soc 320 Comparative Family Systems

Soc Sci Soc 350 Special Readings in Sociology

Changes: Comp Sci 218 Prerequisites from Math 201 to Math 22; Course title from Introduction to Numerical Analysis to Introduction to Numerical Methods.

Comp Sci Curriculum

Comp Sci 74 Course title from Scientific Programming Applications to Job Control Language-Systems Utilities; Catalog description.

*Comp Sci 283 Prerequisites from CSc 183 or competence to CSc 74 and CSc 183 or consent of instructor.

Comp Sci 333 Prerequisites from CSci 183 and CSci 253 to CSci 303 or CSci 183 and 283.

Comp Sci 339 Prerequisites from CSci 253 to CSci 253 or CSci 303.

Comp Sci 361 Prerequisites from CSci 253 and CSci 283 to CSci 303 or CSci 253 and 283.

Comp Sci 383 Prerequisites from CSci 253 and 283 to CSci 303 or CSci 253 and 283.

Comp Sci 431 Prerequisites from CSci 353 or EE 311 to CSci 303 or equivalent.

Geo 234 Credit hours from Lect 2, Lab 1, Total 3 to Lect 2, Lab 2, Total 4: catalog description.

Geo 411 Catalog description; prerequisites from Geo 383 to consent of instructor; course title from Advanced Crystallography to Advanced Mineralogy.

Geo 433 Course title from Advanced Petrology of Igneous Rocks to Advanced Igneous Petrology.

LSci 11 Credit hours from Lec 2, Lab 1, Total 3 to Lect 3, Lab 1, Total 4; prerequisites from Chem 1 to Chem 3 or consent.

*Anticipated approval at May 2 Academic Council Meeting.

COLLEGE OF ARTS & SCIENCES (Cont'd)

Math 457

Catalog description; course title from Theory of Hypothesis Testing to Advanced Mathematical Statistics II; prerequisites from Math 446 to Math 457; course number from 457 to 458.

Soc Sci Econ 322

Course title from International Economics to International Economics and Finance; catalog description.

SCHOOL OF ENGINEERING:

Additions:	Chem Engr 321	Petroleum Refining Engineering (Lec 3)
	Civ Engr 321	Housing Structures (Lec 3)
	Elec Engr 289	Circuits and Devices for Digital Applications (Lect 3)
	Engr Mgt 382	Management of Industrial Engineering (Lect 3)
	*Engr Mgt 410	Graduate Seminar (Lec 1)
	Engr Mech 337	Fatigue Analysis (Lect 3)
	Mech Engr 277	Refrigeration Systems (Lect 3)
	Mech Engr 345	Experimental Methods in Radiative Transfer (Lect 2, Lab 1, Total 3)
	Mech Engr 371	V/STOL Aerodynamics (Lec 3)
	*Mech Engr 409	Engineering Acoustics II (Lec 3)
Deletions:	Aero Engr 429	Aerospace Mechanics II
	Aero Engr 471	Aerospace Propulsion Systems
	Chem Engr 25	Elementary Engineering Calculations
	Chem Engr 72	Fuel and Gas Analysis
	Chem Engr 271	Petroleum Refining Engineering
	Chem Engr 281	Petroleum Refining Engineering
	Civ Engr 111	Professional Guidance
	Civ Engr 423	Elastic Analysis & Design
	Civ Engr 486	Engineering Aspects of Ground Water Hydrology
	Elec Engr 475	Advanced Radiation & Antennas
	Engr Mgt 283	Production Analysis
	Engr Mgt 284	Plant Design
	Engr Mech 302	Theory of Vibrations
	Engr Mech 303	Energy Methods
	Engr Mech 304	Advanced Mechanics of Materials I

*Anticipated approval at May 2 Academic Council Meeting.

SCHOOL OF ENGINEERING (Cont'd)

Engr Mech 305	Introduction to Continuum Mechanics
Engr Mech 402	Theory of Vibrations
Engr Mech 403	Advanced Mechanics of Materials II
Engr Mech 404	Theory of Plates
Engr Mech 406	Elasticity I
Engr Mech 409	Theory of Plasticity I
Engr Mech 410	Theory of Plasticity II
Engr Mech 411	Theory of Stability I
Engr Mech 418	Viscoelasticity
Engr Tech 322	Nomography
Mech Engr 295	Fluid Machinery
Mech Engr 329	Aerospace Mechanics

Changes:

Aero Engr	Curriculum
Aero Engr 435	Course number <u>from</u> AE 435 <u>to</u> ME and AE 335.
Chem Engr	Curriculum
Chem Engr 20	Credit hours <u>from</u> Lect 3, Lab 0, Total 3 <u>to</u> Lect 2, Lab 0, Total 2.
*Chem Engr 373	Course title <u>from</u> Chemical Propulsion <u>to</u> Energy Conversion and Conservation; catalog description.
Civil Engr	Curriculum
Elec Engr	Curriculum
Elec Engr 283	Course title <u>from</u> Electronic Devices and Amplifiers <u>to</u> Electronics for Instrumentation; catalog description.
Engr Mgt	Curriculum
Engr Mgt 280	Course number <u>from</u> 280 <u>to</u> 380; catalog description; Credit hours <u>from</u> Lec 2, Total 2 <u>to</u> Lec 3, Total 3.

*Anticipated approval at May 2 Academic Council Meeting.

SCHOOL OF ENGINEERING (Cont'd)

Changes:	*Engr Mgt 353	Course title <u>from</u> Economics for Management <u>to</u> Managerial Economics.
	Engr Mech	Curriculum
	Mech Engr	Curriculum
	Mech Engr 205	Course title <u>from</u> Mechanical Engineering Design <u>to</u> Machine Design I.
	Mech Engr 315	Course title <u>from</u> Analog Studies of Mechanical Engineering <u>to</u> Analog Studies of Mechanical and Aerospace Engineering; catalog description.
	Mech & Aero Engr	All graduate level courses in ME and AE will be co-listed in both departments.

*Anticipated approval at May 2 Academic Council Meeting.

SCHOOL OF MINES AND METALLURGY

Additions: *Cer Engr 123 Materials and Man (Lec 3)
 Cer Engr 223 Systematic Energetics - II (Lec 3, Lab 0,
 Total 3)
 *Cer Engr 288 Industrial Electrical Ceramics (Lec 3)
 Geo Engr 446 Advanced Remote Sensing for Site Evaluation
 (Lec 2, Lab 1, Total 3)
 Met Engr 123 Metals Processing in Art (Lec 1, Lab 1,
 Total 2)
 *Met Engr 421 Ferrous Metals Casting (Lec 2)
 *Min Engr 345 Strata Control (Lec 3)

Deletions: *Cer Engr 260 Ceramic Engineering Design
 Met Engr 101 Engineering Principles of Metallurgy
 Met Engr 111 Structure of Metals for Engineers
 Met Engr 113 Metals and Alloys in Engineering
 Met Engr 114 Foundry Principles
 Met Engr 347 Nonferrous Extractive Metallurgy
 Met Engr 353 Metallurgical Spectrum Analysis
 Met Engr 371 The Solidification of Metals
 Min Engr 323 Mining Financial Administration
 Pet Engr 210 Fundamentals of Digital Applications in
 Engineering

Changes: * Cer Engr Curriculum
 Cer Engr 1 Credit hours from Lec 1/2, total 1/2 to
 Lec 1, Total 1.

* Anticipated approval at May 2 Academic Council Meeting

SCHOOL OF MINES AND METALLURGY (Cont'd)

Cer Engr 2	Credit hours <u>from</u> Lec 1/2, total 1/2 <u>to</u> Lec 1, Total 1.
Cer Engr 221	Course title <u>from</u> Systematic Energetics <u>to</u> System Energetics I.
*Cer Engr 315	Course title <u>from</u> Quality Control in the Ceramic Industry <u>to</u> Quality Control of Engineering Materials and Processes; Credit hours <u>from</u> Lec 2, Total 2 <u>to</u> Lec 3, Total 3; Catalog description; elective to required.
Geo Engr 241	Course number <u>from</u> 241 <u>to</u> 341: Course title <u>from</u> Site Selection <u>to</u> Engineering Geology and Geotechnics; Catalog description.
Geo Engr 243	Course number <u>from</u> 243 <u>to</u> 343; Catalog description; prerequisites <u>from</u> Geo 220, Math 22 <u>to</u> Geo 220.
Met Engr 307	Course title <u>from</u> Foundry Engineering <u>to</u> Metals Casting.
Met Engr 308	Course title <u>from</u> Foundry Engineering <u>to</u> Metals Casting.
Met Engr 311	Course title <u>from</u> Welding Metallurgy <u>to</u> Metals Joining; prerequisites <u>from</u> Met 221, E Me 110 <u>to</u> Met 121 or Met 221; catalog description.
Met Engr 331	Course title <u>from</u> Heat Treatment <u>to</u> Metals Heat Treatment.

*Anticipated approval at May 2 Academic Council Meeting.

AIR FORCE ROTC

Additions: Aero Stud AS7 Flight Training (Lect 1)

Deletions: None

Changes: Aero Stud AS105 Catalog description
 Aero Stud AS106 Catalog description
 Aero Stud AS30 Catalog description
 Aero Stud AS40 Catalog description

ANNUAL REPORT OF THE LIBRARY COMMITTEE

The Library Committee met six times during the academic year, 1973-74, and met once with the Learning Resources Evaluation team. The committee endorsed the Learning Resources Evaluation team's comments on inadequate budgeting procedures for the UMR Library in which limited funds are available at the beginning of the year and then additional funds are available at the end of the year. As the team noted, "This is not the way to develop a book collection."

Because of the very small budget that would not even cover periodical subscriptions, there was little money available in 1973-74 for book acquisitions. The Library Committee spent most of the year evaluating the periodical subscription list, making lists for each department of UMR, and asking departments to reduce whenever possible the periodicals in their areas. Needless to say, this was a discouraging and uneven process with some departments responding well and some departments making no response. Additionally, for the members of the committee it was a time-consuming and rather demoralizing process.

Annual Report of the Rules, Procedures, and Agenda Committee

The RPA Committee met two to three times a month in 1973-74. Its major activity was the monthly task of preparing the agenda for each meeting of the Academic Council. Additionally it prepared ballots and conducted all elections for the Academic Council. It also prepared, published, and mailed to each faculty member the committee assignments for the entire campus and published the Revised By-Laws of the Academic.

A new role for the committee in 1973-74 was to be a part of the Executive Committee of the Academic Council along with the officers of the Council. In this role, committee members and officers of the Council met with Chancellor Thompson four times to discuss campus wide problems. The Executive Committee meetings with the Chancellor provided an important link between the faculty and the administration in 1973-74.

University of Missouri - Rolla



CIVIL ENGINEERING

Civil Engineering Bldg.
Rolla, Mo. 65401

Telephone
314 341-4461

Memorandum to: Lon Pearson, Secretary Academic Council

From: W.A. Andrews, for Thomas Noack

RE Report on Activities of the Student Scholastic
Appeals Committee, 4.524, for the year 1973-74

The committee, via a telephone balloting, elected Tom Noack as Chairman. No business needing committee attention came up and hence no meetings were held.

WAA:ac

University of Missouri - Rolla



SCHOOL OF ENGINEERING
MECHANICAL AND AEROSPACE ENGINEERING

129 Mechanical Eng. Bldg.
Rolla, Mo. 65401

Telephone
314 341-4661

May 9, 1974

Memo To: Dr. Lon Pearson, Secretary, UMR Academic Council

From: C. R. Remington

RE: Final Committee Report

The Student Conduct Committee met four times during the 1973-1974 school year. It considered a total of seven conduct matters at these meetings.

A handwritten signature in cursive script, reading "C. R. Remington".

C. R. Remington
Chairman

University of Missouri - Rolla



THE GRADUATE SCHOOL
OFFICE OF THE DEAN

205 Parker Hall
Rolla, Mo. 65401

Telephone
314 341-4142

January 29, 1975

Dr. Lon Pearson
1973-74 Secretary of
Academic Council
University of Missouri-Rolla
Rolla, Missouri

Dear Dr. Pearson:

The following is the annual report as gathered from minutes in the file of the Campus Facility Planning Committee for 1973-1974.

Early in the year the Facilities Planning Committee met with Vice President Emmons and Dale Bowling, and others to discuss the two-year remodelling of Fulton Hall. Possible sites for the telescope were also discussed. During the year, the plans for the sequence of building razings and remodellings and the consequences to the campus were discussed. Flag pole setting proposed by Dr. Summers was approved unanimously by the Committee.

Respectfully submitted

A handwritten signature in cursive script, appearing to read 'J. B. Clark'.

J. B. Clark
Acting Graduate Dean



President's Bulletin

University of Missouri

Volume 4, Number 13

April 3, 1974

TO: THE FACULTIES OF THE UNIVERSITY OF MISSOURI
FROM: THE ACADEMIC PLANNING COUNCIL

TENTATIVE VERSION II

This edition of the Bulletin contains the second discussion version of the University Academic Plan. In accordance with the schedule for preparing the Academic Plan (President's Bulletin, 25 January 1974), this second tentative version of the Plan is now generally to be discussed on each campus.

By 22 April, the comments from each campus shall have been completed and forwarded through the Chancellor to the Academic Planning Council. After studying these responses, the Academic Planning Council will prepare and send to the President its final recommendations concerning the Academic Plan. The President, with the Board of Curators, will arrange for consideration of a final proposed University Academic Plan.

Consequently, the Tentative Version II which follows is being distributed for immediate review and commentary by each campus. These discussions across the four campuses should be of great importance as the University takes another step toward completing its Academic Plan.

PHILOSOPHY STATEMENT

UNIVERSITY ACADEMIC PLAN, 1975-1985

RESPONSIBILITIES OF THE UNIVERSITY

The University of Missouri is a single, public University which offers baccalaureate, professional, and graduate degrees in nearly all academic disciplines and professional fields. In the public sector of Missouri higher education, the University is the only institution providing doctoral programs and advanced training for the professions.

The University of Missouri subscribes to the basic land-grant philosophy. Thus, it must provide excellent programs for Missouri students who have the academic ability and motivation to benefit from a university-level education, regardless of their economic status. This philosophy also makes it important that the University pursue its functions of research and extension in addition to teaching. Similarly crucial is the University's performance of many varied services for Missourians which arise from an educational need, including health care, community surveys, and advice and counseling for business and industry.

These functions constitute the designated responsibilities of the University. In carrying these forward, the University will, of course, always seek to strengthen its relationship with Missouri's other institutions of higher education, those both with public and private support.

POLICIES BASIC TO THE UNIVERSITY ACADEMIC PLAN

Only by making the four campuses a single University and by determining where and to what extent various academic programs can hereafter best be offered, will the University of Missouri continue to be a place where teaching, research, and extension can thrive.

The University will be comprehensive and each campus shall have some specific University responsibilities, especially at the advanced professional and doctoral levels. While each campus will have a range of programs, it is not intended that any will be comprehensive in scope.

Improvement in the quality of its offerings and programs is a major and continuing responsibility of the University. The excellence of the institution must be a prime consideration in all decisions.

The University of Missouri must strive to meet the expectations and needs of Missouri's citizens and of the scholarly world within budgetary realities and needs and desires of students and society. Funds, staff, and faculties must be used in the most efficient manner.

Consideration for students will have a major effect on academic decisions. Programs will be made as accessible to students as possible. The University intends to eliminate barriers that restrict the student's ability to transfer or to move from campus to campus.

Where archaic and stereotyped educational concepts exist, they must be replaced by those that are new and flexible. Fresh emphasis must be given to improving counseling and advisement, to opportunities for independent study, to availability for credit through examination, and to other means for achieving advanced placement.

The University must offer the opportunity for faculty to have a productive and personally satisfying career and to serve a variety of roles. Many different combinations of instruction, research, and extension efforts are appropriate for faculty members. The opportunity to engage in interdisciplinary programs as well as to cooperate with colleagues in other departments and other divisions on all campuses is to be encouraged.

Every effort must be made for better use of technological assistance in bridging the distance between classrooms and between campuses. The presence of specialized facilities will continue to influence the contribution expected from each campus.

The University will take into consideration the offerings of other institutions of higher education in the State and in the region as it develops its total program.

PURPOSE OF THE UNIVERSITY ACADEMIC PLAN

The University Academic Plan has been designed to foster a general understanding among students, faculty, administrators, curators, and public of the University's long-term commitments to program change and improvement during the decade 1975-85. To strengthen the University's teaching, research, extension, and service will require judicious allocation of resources, careful planning, and significant adjustments in program and campus expectations.

The University Academic Plan, subject to periodic review, determines the basis on which new resources are requested and assigned, and internal changes undertaken to release existing funds for reallocation. It is the rationale which the broad program assignments set forth in Role and Scope* are to be implemented. In short, the Plan designs the University's future changes.

Creating the University Academic Plan has been difficult and challenging. Relationships among the campuses have been scrutinized for ways of heightening cooperation and reducing duplication. As a result of extensive discussions among faculties and administrators, decisions have been reached concerning which programs to sustain at present levels, which to curtail or eliminate, and which to advance or initiate.

In preparing the University Academic Plan, careful attention has been given to the policies set forth above, to the Academic Plans of the several campuses, to the reports of the visiting discipline evaluation teams, and to the best interests of a comprehensive University which faces a decade of serious limitations. Therefore, as a statement of academic restructuring, the University Academic Plan looks toward attainment of a single University with four campuses, which can have distinction in scholarship, teaching, research, and public service.

The Plan recasts a large university founded in both the state and land-grant traditions of the nineteenth century into an institution designed for the rapidly changing society and scholarship of the late twentieth century. It is a Plan to incorporate the best of the American university of the past with the needs of the future. It is a Plan which calls for innovation in the traditional areas of university activity in keeping with a developing public concern over the future status of higher education. It is a Plan which recognizes the sharp realities of drastically limited financial resources, declining birthrate, scarce natural resources, and new relationships in the nation's social, political, and economic arenas.

GOALS OF THE CAMPUSES

This recital of University planning objectives must build upon statements included by the four campuses in their proposed Academic Plans. These statements may be summarized as follows:

The University of Missouri-Columbia has as its mission the offering of a liberal education in a variety of disciplines, vocational training to those who desire it, and advanced professional training in many vital fields. Particular attention is given to performing its land-grant university mission in research, resident, and extension instruction, and in producing information and knowledge to support these educational purposes. Enhancing its ability to perform these multiple functions are interdependent relationships between individuals, departments, and divisions.

*President's Bulletin, Feb. 2, 1974, "The University of Missouri: Its Future."

These relationships between the components give UMC university status rather than the components themselves. The relationships have generated exciting interdisciplinary developments.

UMC has two different missions: commitment to scholarship and to conservation and transmission of culture which enhances human potential, and identification with a public, land-grant university dedicated to mass education and the generation of knowledge and services useful to the legitimate concerns of society. Despite the potential conflicts between these two missions, an environment has been created which permits the accomplishment of both. Such an environment is achieved through organizational innovation which encompasses flexibility and responsiveness.

The University of Missouri-Kansas City, located in the state's second largest populated area, will consolidate its present strengths and develop those programs most appropriate to its mission as an urban university. The purposes will be achieved through quality instruction, eminence in scholarly and creative endeavors, and leadership in continuing education and public service. Its urban commitment will be directed through the continued support of liberal and professional education as well as the development and maintenance of quality programs in the health sciences, in the performing, interpretive and visual arts, and in urban studies. In emphasizing these three areas, the campus reiterates its adherence to the concept of a true university and to its need to provide a home for scholarship as a base for service.

The University of Missouri-Rolla asserts that its mission embodies these basic concepts: that the main thrust of the campus centers in engineering and science; that the campus offers the University's only programs in mines and metallurgy; that the campus arts and sciences programs complement the engineering programs as well as offer baccalaureate degrees in the arts and sciences; that students constitute a major concern in academic decisions; and that provisions be made for independent study improvements and for a variety of means of obtaining credit through examination and advanced placement. Closely related to these concepts, UMR views other factors as significant in constructing its academic plan. Among the most important of these are its responses to the energy and materials crisis, to the problem of pollution, to the rapid growth of the area between St. Louis and Springfield, to the need for traditional undergraduate and graduate programs which would meet increasing societal needs, and to the demand to integrate the knowledge and values of the social sciences and the humanities with the professional programs in engineering and science and also to provide an understanding of technology for students in non-technical programs.

The University of Missouri-St. Louis, placed in the state's most populous area, views itself as an urban public university which in a short period of time has developed academic programs that have attained regional and national recognition. The University has been limited by its very growth but plans in the years ahead to overcome the gap between resources and its charge to provide for high quality, traditional university study as well as specialized programs appropriate to its urban community. Beyond these basic concerns the campus emphasizes the obligation to serve the unmet needs of the area's population by providing new opportunities for undergraduate and graduate study. These opportunities will be provided through new undergraduate programs in such fields as the health sciences, applied technology, urban studies, humanities, social work, and computer science. Graduate education will be concentrated in high demand areas related to the University's existing strengths in its two professional schools and the natural and social sciences. Additional plans include extensive assistance to low income and minority students; adult, continuing and external degree programs; development of a humanistic and cultural learning center; generation of interdisciplinary programs; further exploitation of the varied and rich resources of the urban environment for research, internships, and enrichment of education activities; and new means for cooperation with local educational and cultural institutions and with other University campuses, both to incorporate local resources and avoid duplicating efforts.

CONTENT OF THE UNIVERSITY ACADEMIC PLAN

The University Academic Plan organizes the University's existing and projected degree programs into three parts, the details of which follow. These parts will be the guide when personnel

and budget requests and allocations are made. The Plan emphasizes the need for intercampus collaboration and general academic coordination. Assignments to the three parts of the Plan are made within the framework of "Role and Scope." It is understood that such assignments will be reviewed periodically for evidence of accomplishment and continued appropriateness. The Plan provides for a basic core of educational offerings and degree programs on each campus, while recognizing that adjustments in these assignments may be required from time to time because of changing needs and resources.

Related fundamental changes are anticipated in research and in extension as well as in the areas of university administration and development as the academic shifts take place. The changes must include termination of certain activities as well as economies of operation to provide funds for reallocation to selected existing academic programs and to the establishment of new programs.

Decisions concerning the University Academic Plan's content were based on several assumptions:

1. That for planning purposes the University must assume that in the next decade there will be continuing demand for resources to meet a variety of public needs and we must therefore anticipate that not all of the University's legitimate needs and aspirations can be met.
2. That as funds do become available through new appropriations or from internal reallocation, they will be used to support, so far as possible, programs listed in Part I of the University Academic Plan.
3. That the University must avoid every unnecessary program duplication, since funds clearly do not permit a full range of degree programs on each campus.
4. That every effort will be made to release funds through reorganization and reductions in administrative areas throughout the University. Study shall continue of university-wide activity as possible sources of funds for reallocation to campus academic programs.
5. That the University Academic Plan contains no quota for any campus. Rather, decisions on assignments among the Plan's parts are made according to perceptions about institutional needs, quality, and anticipated success. The benefit-cost indices used in creating the campus academic plans have provided highly pertinent insights as final decisions were made about each program.
6. That an important advantage soon available to students and faculty will be the university-wide Doctoral Faculty arrangement. The involvement of qualified faculty on each campus in doctoral training will permit abridgment in commitments and plans for doctoral programs. The Doctoral Faculty concept should provide the foundation for growing collaboration among kindred disciplines from the campuses.
7. That programs with low or diminishing enrollments may logically be expected to reduce program offerings.
8. That the University must seek more ways to supply program opportunities to students through cooperation with other institutions in Missouri and nearby states. The University looks with interest at the discussions now underway among MASUA institutions concerning sharing of doctoral program opportunities.

- 9. That the University has been obliged to put aside many academic programs which campus mission and public need clearly require. None of the four campuses can fulfill the commitments in their location and purpose, given the acute fiscal shortages which have developed in recent years.

The University Academic Plan's three parts offer no invidious distinctions among the programs so grouped. Rather, the purpose is to have degree programs which can be supported adequately by available resources. Some programs will be more dynamic than others; some will have more complex missions than others. However, all programs to be carried forward will seek excellence within the scope of their charge.

Faculty and staff in programs in all categories will be given equivalent treatment for salary adjustments. Every program will receive consideration annually for inflationary adjustments in expenses and equipment. As enrollment changes occur these will be factors influencing annual budgets for the programs in all categories. Resource utilization in every program will be reviewed annually.

The significance of quality has been stressed many times. It is important to remember that additional resources are not the only means for improving program quality.

The three parts which constitute the University Academic Plan are defined as follows:

Part I

Includes degree programs, or portions thereof, which are candidates for development.

Category A

Degree programs, or portions thereof, which are primary candidates.

Category B

Degree programs, or portions thereof, which are secondary candidates.

Part II

Includes degree programs, or portions thereof, which are to be continued at present levels.

Part III

Includes degree programs, or portions thereof, which are candidates for reduction or termination.

Category A

Degree programs, or portions thereof, which are candidates for reduction.

Category B

Degree programs, or portions thereof, which shall be terminated.

The University Academic Plan also mentions some of those programs which could not be included in the three Parts of the Plan. Such mention seeks in a small way to indicate the many other programs which the University would begin or continue if funding would allow.

As this second tentative version of the Academic Plan is discussed on the campuses, attention should be given to the merit of the "Open University" concept. The recent report of the University-Wide Task Force on the Open University deserves careful study for possible contribution to the final version of the University Academic Plan. Copies of this report are available through the Chancellors' offices.

THE UNIVERSITY ACADEMIC PLAN: DEGREE PROGRAMS*

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* The University Academic Plan which is contained on the following pages uses the disciplinary organization as listed in the policy statement of February 2, 1973, "The University of Missouri: Its Future," (President's Bulletin).

The appraisals of research, extension, and administration are currently underway. It is intended that comparable definitive plans for these areas will appear when the appraisals are completed.

1. ENGINEERING AND MINES AND METALLURGY

	UMC	UMKC	UMR	UMSL
I-A	Interdivisional programs such as bioengineering and graphics engineering with an invitation for others of this type			
I-B	B.S., M.S., Ph.D. IndE B.S. Eng. (Coop with UMKC)		*B.E. Technology *Ph.D. Eng. Mech.	
II	M.S., Ph.D. CivE, ElecE, MechE, ChemE, NuclE B.S., M.S., Ph.D. AgE M.S. SanE		B.S., M.S., Ph.D., D.E. ChemE, CivE, ElecE, MechE B.S., M.S., Ph.D., D.E. CerE, GeolE, MetE, MinE, PetE B.S., M.S., Eng. Mgmt B.S. ¹ , M.S., Ph.D., D.E. NuclE	
III-A	Traditional B.S. in CivE, ElecE, MechE, ChemE		B.S., M.S., Ph.D., D.E. AeroE M.S. Env & Plan. Eng. B.S., M.S., Eng. Mech.	
III-B	B.S. AeroE			

The arrangement outlined above for Engineering implements the plan in the President's Bulletin, "The University of Missouri: Its Future," February 2, 1973.

¹The B.S. option in NuclE has been offered within MetE. It is proposed that this option become a regular baccalaureate in NuclE.

2. PROFESSIONAL EDUCATION

	UMC	UMKC	UMR	UMSL
I-A	B.S., M.A./M.Ed., Spec., Ph.D./Ed.D. Spec. Edn.	B.A., M.A., Option: Spec. Edn.		*Ed. D.
I-B	Spec. Edn. Adm. Spec. Higher Edn. Ph.D./Ed.D. Practical Arts	B.A., M.A., Option: Early Child- hood Edn. M.A. Option: Vac. Edn; Edn. Tech. *M.Ed., *Ed.D. in all options B.A., M.A. Option: Adult Edn.		*M.Ed. (Adult Edn; Career Edn; Early Childhood; Edn. Tech.; Spec. Edn.; Speech Therapy)
II	B.S. Ed-El; B.S. Ed-Sec. B.E. Studies M.A./M.Ed., Spec. Ph.D/Ed.D Couns. & Pers. M.A./M.Ed., Spec. Ph.D/Ed.D Curriculum & Instruction Ph.D., Ed.D. Edn. Psych M.A./M.Ed., Ph.D./Ed.D. Higher Edn. M.Ed., Spec. Practical Arts	B.A./B.S. Hlth & Phys. Ed.-El B.A./B.S. Hlth & Phys. Ed-Sec. M.A. Option: El. Edn; Sec. Edn; M.A., Ph.D. Couns. & Guid.; M.A., Ph.D. Edn. Adm.; M.A. Edn. Res.; M.A. Read. Edn.; Ed. Spec. Couns. & Guid; Edn. Adm.; Curr & Inst.; Read. Edn.; Ph.D. Curr. & Inst.	B.S. Edn- Sec. (Coop with UMC)	M. Ed. (El.; Sec. Edn.; Read; Admin.; Guid.)
III-A	B.S. Curriculum & Instruction M.A./M.Ed. Edn. Psych. M.A./M.Ed., Ph.D./Ed.D. Social and Philosophic Found. Spec. Health & Phys. Edn.	B.A. Sec. Edn. B.A. Elem. Edn. Ph.D. Read. Edn.		B.S. Edn-El. Edn. B.S. Edn-Sec. Edn.
III-B				

3. PHYSICAL SCIENCES

	UMC	UMKC	UMR	UMSL
I-A		*M.S. Env. Geology		*B.S. Applied Science ³ *M.S. Chemistry *M.S. Physics
I-B		*M.S. Earth Science		
II	A. B., M.A. Chemistry M.S. Physical Sciences A. B./B.S., M.S. Physics A. B./B.S., M.A., Ph.D. Geology	B. A./B.S., M.A./M.S. Chem. B. A./B.S. Geology B/A./B.S., M.S. Physics	B.S., M.S. Chemistry B.S., M.S. Geol. & Geophys. B.S., M.S., Ph.D. Physics	A. B., B.S. Physics Ph.D. Chemistry ¹
10 III-A	Ph.D. Chemistry ¹ Ph.D. Physics	Ph.D. Chemistry ¹	Ph.D. Chemistry ¹ M.S.T. Chemistry M.S.T. Earth Science M.S.T. Physics Ph.D. Geol. & Geophys. ²	A. B./B.S. Chemistry
III-B			Ph.D. Eng. Physics B.S., M.S., Ph.D. Geol. ² M.S., Ph.D. Geophys. ²	

¹The Plan calls for chemistry doctoral programs of limited scope and size on the four campuses. UMSL is still developing to reach that point. In order to achieve this, UMSL will reduce emphasis on the baccalaureate in chemistry. The Doctoral Faculty Discipline Coordinating Committee will study ways to attain appropriate specialization and Intercampus collaboration.

²Combination of existing program.

³The details of this program will be explored in cooperation with UMR.

4. BIOLOGICAL SCIENCES

	UMC	UMKC	UMR	UMSL
I-A				
I-B	A.B. Biological Sciences	*Ph.D. Biology	*B.S. Life Sciences	A.B. Biology
II	M.A., Ph.D. Biol. Sciences	B.A./B.S., M.A./M.S. Biol. M.S. Microbiology		M.S. Biology
III-A				
III-B				

5. MATHEMATICAL SCIENCES

	UMC	UMKC	UMR	UMSL
I-A				*B.S. Computer Sci. *B.S. Statistics
I-B	A.B. Math *M.S. Computer Science	*M.S. Applied Math	*Ph.D. Computer Science	*B.S. Computat. Math *M.S. Statistics *Ph.D. Math ¹
II	M.A./M.S. Math A.B. Computer Science A.B., M.A., Ph.D. Statistics	B.A./B.S., M.A./M.S. Math	B.S., M.S. Applied Math B.S., M.S. Computer Science	M.A. Math
III-A	Ph.D. Math ¹	Ph.D. Math ¹	Ph.D. Math ¹	B.A. Math
III-B	M.S.T. Math		M.S.T. Math	

¹The plan calls for mathematics doctoral programs of limited scope and size on the four campuses. The Doctoral Faculty Discipline Coordinating Committee must continue current efforts of the four departments in developing appropriate specialization and intercampus cooperation.

6. PSYCHOLOGY

	UMC	UMKC	UMR	UMSL
I-A				
I-B	A.B. Psychology			A.B. *M.A. Psychology
II	M.A./M.S., Ph.D. Psychology ¹	A.B., M.A., Ph. D. Psych. ¹ M.A. Social Psychology	A.B.,B.S. Psychology	Ph.D. Psychology ¹
III-A				
III-B				

¹The Plan calls for psychology doctoral programs of limited scope and size on three campuses. The Doctoral Faculty Discipline Coordinating Committee must study ways to develop appropriate specialization and intercampus cooperation.

7. HEALTH PROFESSIONS

	UMC	UMKC	UMR	UMSL
I-A	B.S. Nursing	M.S.N. D.D.S.		
I-B	M.S. Public Health M.S. Nursing (Med., Surg., Psychiatric)	Diploma--Oral Surg., Orthodon. Pedodont., Periodont. *B.S. Nursing		*B.S. Nursing *B.S. Allied Health
II	M.D. Internships & Residencies Family Practice Ob-Gyn Pediatrics Internal Medicine M.A., Physiology; M.S., Ph.D. Biochemistry ¹ ; M.S. Pathology; M.S. Microbiol. (Med); Ph.D. Physiology; Ph.D. Microbiology Ph.D. Pharmacology	M.D. B.S., D. Pharmacy B.S. Dent. Hyg. Dipl. Gen'l Dent. M.S. Oral Biology M.S. Dent. Hyg. Edn. B.S. Med. Tech. Diploma--Prosth., Oral Diag., Med. M.S., Ph.D. Pharmacy, Pharmacology, Pharm. Chem.		
III-A	M.A., Ph.D. Anatomy M.S. Pharmacology	Diploma--Endod.; Path., Radiol, Dent.		
III-B	Gen. Preventive Medicine	M.S. Dent. (all) (drop in lieu of Diploma)		

In the basic sciences there must be cooperation among the departments, the schools, and the campuses. There will be continuing review to ascertain the extent to which cooperation has worked in order to improve quality.

¹This program is being combined with biochemistry activity in Agriculture.

8. LEGAL EDUCATION

	UMC	UMKC	UMR	UMSL
I-A				
I-B	J.D.	J.D. LLM. Spec.		
II		LLM. Gen.		
III-A				
III-B				

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9. JOURNALISM, SPEECH COMMUNICATION, SPEECH AND HEARING SCIENCES, AND RADIO-TV-FILM

	UMC	UMKC	UMR	UMSL
I-A	B.J. (with six options) ¹			*B.A. Speech Comm.
I-B	M.A. Journalism	*M.A. Radio-TV-Film ²		
II	Ph.D. Journalism B.A., M.A., Ph.D. Speech and Dramatic Art	B.A. Radio-TV-Film ³ B.A. Speech & Hearing Science B.A., M.A., Speech Comm.		
III-A				
III-B	Six B.J. Degrees			

¹The cooperative effort with UMSL, while not leading to a degree program, will be continued and perhaps strengthened.

²If this program is developed, it will be in cooperation with the School of Journalism at UMC.

³Further development of this program will be in cooperation with the School of Journalism at UMC.

10. LIBRARY AND INFORMATIONAL SCIENCE

	UMC	UMKC	UMR	UMSL
I-A				
I-B				
II	B.A., M.A. Library Science			
III-A				
III-B	B.S., M.A. Inform. Science			

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11. ANTHROPOLOGY, GEOGRAPHY, AND SOCIOLOGY

	UMC	UMKC	UMR	UMSL
I-A				
I-B		*Ph.D. Sociology ¹ *M.S. Urban Geography	*B.S. Sociology	*Ph.D. Sociology ¹
II	A.B., M.A., Ph.D. Anthro. A.B., M.A. Geography A.B., M.A., Ph.D. Soc.	B.A./B.S. Geography B.A., M.A. Sociology		A.B., M.A. Sociology A.B. Anthropology
III-A				
III-B		Ph.D. Gen. Ed. (Soc. Stud.)		

¹If these doctoral programs are initiated, they will be on a cooperative basis between the urban campuses.

12. POLITICAL SCIENCE AND ECONOMICS

	UMC	UMKC	UMR	UMSL
I-A				*Ph.D. Pol. Sci. ¹ *M.S. Public Pol. Adm.
I-B				
II	A.B., M.A., Ph. D. Pol. Sci. A.B., M.A., Ph.D. Economics	B.A., M.A. Economics B.A., M.A. Pol. Sci.	B.A./B.S. Economics	A.B., M.A. Pol. Sci. B.A./B.S., M.A. Econ.
III-A				
III-B	M.S.T. Economics			

¹Activity in this area should be through collaboration with UMC.

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13. HISTORY AND PHILOSOPHY

	UMC	UMKC	UMR	UMSL
I-A				
I-B				*Ph.D. History ¹
II	A.B., M.A., Ph.D. History A.B., M.A., Ph.D. Phil.	A.B. Philosophy A.B., M.A. History	B.A. Philosophy A.B. History	B.A. Philosophy A.B., M.A. History
III-A		M.A. Philosophy		
III-B	A.B., Ph.D. Amer. Civil.			

¹This program will be developed in cooperation with UMC.

14. MODERN LANGUAGES AND LITERATURE

	UMC	UMKC	UMR	UMSL
I-A				
I-B				M.A. English
II	B.A., M.A., Ph.D. English M.A. Classical Lang. A.B., M.A. German A.B., M.A. French A.B., M.A. Spanish A.B., Russian Ph.D. Romance Lang. ¹	B.A., M.A. English M.A. Romance Lang. B.A. French, Germ., Spanish	B.A. English	B.A. English B.A. French, Germ., Span.
III-A	A.B. Classics A.B. Italian A.B., M.A. Linguistics			
III-B				

¹This program is the combination of existing doctoral programs in French and Spanish.
Among the new programs which campuses believe are important to their missions but which apparently cannot now be scheduled are:
UMSL, M.A. and M.A.T. in French, Spanish, and German.

15. PERFORMING AND FINE ARTS, CLASSICAL STUDIES, AND ARCHAEOLOGY

	UMC	UMKC	UMR	UMSL
I-A		M.A., *M.F.A. Theatre		
I-B	A.B. Art History & Arch. *B.F.A., *M.F.A. Art	*B.F.A., B.A. Theatre *B.F.A. Art; B.M. Perform. M.M.E. (all); M.A. Art Hist. *M.F.A. Art *M.A. Option; Dance		*B.A. Art Edn. *B.A. Fine Arts
II	Ph.D. Classics & Class. Arch. B.M., M.A., M.M. Music A.B. Art M.A., Ph.D. Art Hist & Arch.	B.M.E., M.M., D.M.A. Performance; B.A. Dance; B.M. Comp. & Theory, Perf.; B.A. Music; M.M. Comp. & Theory; M.M. Hist & Lit.; M.M. Con- ducting; D.M.A. Comp. & Theory, D.M.A. Conduct.; D.M.A. Music Edn.; A.B. Art; A.B., M.A. Studio Art; A.B. Art Edn.; B.A. Art History		B.M. Music
III-A		D.M.A. History & Lit. M.M. Church Music M.A. Music		
III-B	M.A. Art	M.M., D.M.A. Perf. Ped. D.M.A. Church Music		

Among the new programs which the campuses believe are important to their missions but which apparently cannot not be scheduled are: UMKC, D.F.A. Theatre ; Ph.D. Music Edn.; Ph.D. Musicology.

16. BUSINESS AND PUBLIC ADMINISTRATION

	UMC	UMKC	UMR	UMSL
I-A				
I-B	M.S. Pub. Admin. (Interdept)	*M. Adm. *M.S. Account. *Ph.D. Adm. Science ¹		*M.S. Bus. Adm. w/opts *M. Mgmt. Info. Systems *Ph.D. Management ¹
II	B.A./B.S. Bus. Admin. (eleven options) B.S.P.A. - Public Admin. ¹ M.B.A., Ph.D. - Bus. Adm. ¹ M.A./M.S., Ph.D. Account.	B.B.A. M.B.A. M.P.A.		M.B.A.
III-A				B.S. Bus. Adm.
III-B	B.A./B.S. (eleven degrees)			

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¹As these doctoral programs are developed, they will be designed cooperatively to emphasize the special strengths and student demands at the several locations.

17. SOCIAL WORK, COMMUNITY DEVELOPMENT, AND RECREATION

	UMC	UMKC	UMR	UMSL
I-A				*B.S.W.
I-B	*M.S.W. ¹	*M.S.W. ¹ *M.A. Urban Planning ²		*M.S.W. ¹ *M.A. Urban Planning ²
II	B.S.W. ³ B.S., M.S. Recreation and Park Adm. M.S. Community Develop.	A.B. Urban Affairs		
III-A	Diploma -Comm. Development			
III-B	M.S. Social Work			

¹The three campuses must plan jointly to foster cooperation and diversity in order to meet statewide needs.

²Planning by the campuses must proceed together and foster cooperative diversity in order to meet statewide needs.

³The plan calls for administrative transfer from Arts and Science.

18. AGRICULTURE AND FORESTRY

	UMC	UMKC	UMR	UMSL
I-A				
I-B	B.S. Ag. - Pest Mgmt. B.S.F.W. - Fisheries & Wild. B.S.F. Forestry			
II	B.S., M.S., Ph.D. Biochem. B.S., M.S., Ph.D. Agr. Econ. B.S., M.S., Ph.D. Agron. B.S., M.S., Ph.D. Anim. Sci. B.S., M.S., Ph.D. Atmos. Sci. M.S., Ph.D. Entomology B.S., M.S., Ph.D. Food Sci. B.S., M.S., Ph.D. Hort. M.S. Plant Path. B.S. Ag - Voc. Agr. Edn. M.S., Ph.D. Forestry M.S., Ph.D. Fisheries & Wildlife B.S. Rural Sociology			
III-A	B.S., M.S. Ag. Mech. B.S. Ag - Gen. Ag.			
III-B	B.S. Ag - (thirteen degrees)			

¹This is being combined with the Biochemistry Department in the School of Medicine.

19. HOME ECONOMICS

	UMC	UMKC	UMR	UMSL
I-A				
I-B	B.S.H.E. Food & Nutrition			
II	B.S.H.E. Hous. & Inter.Des. B.S.H.E. Child & Fam.Devel. B.S.H.E. Cloth. & Textiles B.S.H.E. Fam. Econ & Mgmt. B.S.H.E. Home Econ & Comm. M.A./M.S. Home Econ (five areas of emphasis) Ph.D. Home Economics			
III-A	B.S.H.E. Gen. Home Econ.			
III-B	M.A./M.S.H.E. Comm. (combined above)			

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20. VETERINARY MEDICINE

	UMC	UMKC	UMR	UMSL
I-A				
I-B				
II	DVM List of M.S., Ph.D. programs (ten) and Residence Programs (twelve)			
III-A				
III-B				

In the basic sciences there must be cooperation among the departments and within the campus. There will be continuing review to ascertain the extent to which cooperation has worked in order to improve quality.

21. ADMINISTRATION OF JUSTICE

	UMC	UMKC	UMR	UMSL
I-A		*B.A.		*M.S.
I-B		*M.A.		
II				B.S.
III-A				
III-B				

22. MULTIDISCIPLINARY PROGRAMS

	UMC	UMKC	UMR	UMSL
I-A				
I-B	*M.S. Community Planning	B.A. American Culture	*A.A. *B. General Studies *P.D.D.	B.G.S. (Evening)
II	B.G.S. General Studies A.B. Inter-Disc. A.B. Latin Amer. A.B. Russian A.B. South Asian Studies Ph.D. Microbiol. M.A./Ph.D. Genetics M.S./Ph.D. Nutrition Ph.D. Pathology *M.S., Ph.D. Physiology	B.A. Judaic Studies		
III-A	A.B. Microbiology			
III-B	M.S. Sanitary Science			