



27 Apr 1962

## The Missouri Miner, April 27, 1962

Follow this and additional works at: [https://scholarsmine.mst.edu/missouri\\_miner](https://scholarsmine.mst.edu/missouri_miner)

These newspapers reflect the attitudes, perspectives, and beliefs of different times. Neither the library nor the university endorses the views expressed in these collections, some of which contain images and language which may be offensive to some readers.

---

### Recommended Citation

"The Missouri Miner, April 27, 1962" (1962). *The Missouri Miner Newspaper*. 1742.  
[https://scholarsmine.mst.edu/missouri\\_miner/1742](https://scholarsmine.mst.edu/missouri_miner/1742)

This Newspaper is brought to you for free and open access by Scholars' Mine. It has been accepted for inclusion in The Missouri Miner Newspaper by an authorized administrator of Scholars' Mine. This work is protected by U. S. Copyright Law. Unauthorized use including reproduction for redistribution requires the permission of the copyright holder. For more information, please contact [scholarsmine@mst.edu](mailto:scholarsmine@mst.edu).



# Seventeen New Men Initiated Into Blue Key

On Sunday, April 8, 1962 seventeen men were initiated into Blue Key, a national honor fraternity whose main goal is to provide service to the student body and school. The initiation ceremony was

Mr. John M. Brewer who spoke on "Charmed Magic Casements." The new initiates were: John W. Brown, Doyne L. Chartrau, Roy T. Coyle, Jr., John J. Gladysiewicz, David L. Hemmel, Kenneth C. Hoelscher, Richard A.

# M INER

The Missouri

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME 48

FRIDAY, APRIL 27, 1962

NUMBER 26

## Dean Curtis L. Wilson Delivers Address to Engineering Society

Dr. Curtis L. Wilson, Dean of the Missouri School of Mines and Metallurgy, delivered the principal banquet address, on Saturday evening April 14th, to the Missouri-Arkansas section of the American Society for Engineering Education. The topic of Dr. Wilson's speech was "Service Is Our Business." The speech climaxed the 44 session meeting which was held at the University of Arkansas at Fayetteville, Arkansas.

Sessions were held on Agricul-

tural Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Engineering Mechanics, Industrial Engineering, Mathematics, Mechanical Engineering, Materials, and Physics.

Officers of the Missouri-Arkansas Section are Professor J. L. Imhoff of the University of Arkansas, Chairman; Professor N. C. Burbank of Washington University, First Vice-Chairman; Professor R. E. Nolte of the Missouri School of Mines and Metallurgy, Second Vice-Chairman; and Professor L. R. Kirby, of the University of Arkansas, Secretary.

In addition to Dr. Wilson, other members of the Missouri School of Mines and Metallurgy faculty participated in the sessions. Dr. H. P. Leighly, Jr., and Professor G. E. Lorey spoke during the Materials sessions; Professor Bill Atchley spoke at the Engineering Mechanics sessions; and Professor Mailand Strunk spoke to the Chemical Engineering sessions. In the afternoon Dean Wilson participated in the panel forum session, "Commission for Engineering Education," and in the morning Professor R. E. Nolte presided at the general session.



Professor Brewer addresses the Blue Key Banquet.

held in the banquet room at Colonial Village. The history, purpose, and policies of Blue Key were explained along with the administration of the oath. This impressive ritual was topped off by the after dinner speech given by

Jauer, Jr., Tod K. Jester, Fred L. Kurz, William R. Ligon, Jerome E. Luecke, Kenneth R. Masters, John D. Million, Robert E. Moore, Earl R. Neubauer, Gary D. Schellman, and Ronald W. Walter.

## Robert B. Lewis And Staff Attend Annual Meeting

Robert B. Lewis, Director of Admissions and Registrar of the Missouri School of Mines and Metallurgy, and three members of his staff are attending the 48th Annual Meeting of the American Association of Collegiate Registrars and Admission Officers in Kansas City April 24-27.

More than 800 representatives of 600 colleges and universities of the nation were expected to attend. Lewis is chairman of the Conference News Committee.

Attending the meeting with Lewis are Lauren Peterson, assistant registrar; Louise S. Tucker, chief clerk; and Jay Carney, senior clerk.

Guest speakers featured on the program are Dr. Roger Fince, director of university relations of the Peace Corps, Mayor H. Roe Bartle of Kansas City, Dr. B. Hopkins Moses, president of Wy-

(Continued on Page 8)

## Pre-Registration Dates Set for Fall Semester

Pre-registration for the fall semester will be held during the period May 7 to 10, 1962, inclusive. The following program will be followed:

Seniors and Graduate Students will start pre-registration on May 7.

Juniors will start pre-registration on May 8.

Sophomores will start pre-registration on May 9.

Freshmen and Unclassified Students will start pre-registration on May 10.

Pre-registration will close on May 10 at 5:00 p. m.

The classifications listed above are those which the students will have next fall, assuming they pass all of their current schedule.

The necessary papers will be given to the department chairmen. Students will complete their pre-registration with the department chairmen and then leave their schedules with the sectioning clerks in Parker Hall. Closed sections will be posted on the blackboard in Parker Hall as in the past.

Advisors are as follows: Mining Engineers, Prof. Govier, 125 Mining Bldg.

Metallurgical Engineering, Dr. Schlechten, 102 Fulton Hall.

Civil Engineering, Prof. Carlton, 110 Civil Engr. Bldg.

Mechanical Engineering, Dr. Miles, 101 Mechanical Hall.

Electrical Engineering, Dr. Nolte, 123 Electrical Engineering Bldg.

Science, Physics Majors, Dr. Fuller, 101 Norwood Hall.

Chemical Engineering, Dr. Thompson, 101 Chemical Engineering Bldg.

Ceramic Engineering, Dr. Planje, 104 Fulton Hall.

Science, Applied Math, Prof. Rankin, 101 Harris Hall.

Science, Chemistry Majors, Dr. Thompson, 101 Chemical Engineering Bldg.

Science, Geology Majors, Dr. Proctor, 208 Norwood Hall.

Unclassified Student, Prof. Lloyd, 101 Rolla Bldg.

### Freshmen

Freshmen students, except those in Chemical Engineering, will pre-register through the Registrar's Office, and not through the advisors listed. Freshmen students in Chemical Engineering will find their pre-registration cards in the

(Continued on Page 3)

## Muggsy and Gaslighters Perform for Miners at S. U.

The Student Union Ballroom was filled to capacity for the appearance of Muggsy Sprecker and his Gaslighters on April 14. Their lively Dixieland renditions, rare wit, and comedy antics were greatly enjoyed by all and evidenced in the enthusiasm of the crowd. Many students seized the opportunity to have their record albums of Muggsy's group signed by members of the band.

The music was really "swinging" and seemed to get "cooler" as the afternoon progressed. Muggsy's performance of "When the Saints Go Marching In" was brought to a climax when the

band began parading around the room as they played. The performance of "Caravan" brought the afternoon to a wild close as the performers all walked off the stage leaving the drummer to do a fabulous solo.

Adding to the enjoyment of the affair was the unexpected appearance of Ernie Helman, well known St. Louis magician and television personality.

With the closing of his performance Muggsy's band was greatly applauded by the audience, and a desire was expressed by many for the near future reappearance of Muggsy Sprecker and his Gaslighters.

## Prof Nau Writes New Network Analysis Textbook

Last week the Ronald Press Company sent to interested university professors across the nation several hundred copies of Professor Robert H. Nau's newest textbook *Alternating Currents and Network Analysis*. Based on the author's wide professional and teaching experience, this book provides a detailed, lucid, integrated presentation of the modern concepts of alternating current theory and network analysis. The book is intended for both of the courses AC circuits and transient analysis by Laplace transforms as well as elementary network synthesis.

It is the second of a series of books which the Ronald Press Co. is publishing by Professor Nau. *Basic Electrical Engineering* (1958) has gained wide acceptance among the major universities. Early reactions indi-

(Continued on Page 8)

## In Memoriam

It is with profound grief and deep regret that we must announce the tragic death of Wael Jamil Mismar, a recent graduate of MSM.

At about midnight, April 9,



WAEI JAMIL MISMAR

having apparently fallen asleep, Wael lost control of his automobile and struck a bridge abutment on U. S. 66 near St. James, Missouri. In the ensuing seconds he suffered injuries that proved fatal within an hour.

Wael was born September 25, 1937 in Karak, Jordan, and later moved with his family to Amman, the capital city of Jordan, where he lived until coming to the United States in 1959 to attend college. Wael first studied at Southwestern Louisiana Institute in Lafayette, Louisiana, and later transferred to MSM. He received his B. S. degree in Mining Geology here in January of this year.

Wael was making final preparations for his trip home to Jordan next week and was anticipating his marriage shortly thereafter.

He will be remembered for many things: his constant smile,

(Continued on Page 8)



Muggsy and the Gaslighters.







## PRE-REGISTRATION

(Continued From Page 1)

Office of Dr. Thompson, Room 01, Chemical Engineering Building.

### General Instructions

Pre-registration will be conducted in the same manner as in the past, the schedules turned in first will get their choice of sections unless changes are necessary to balance sections.

Students must bring their completed schedules from their advisors to Sectioning Clerks, in Parker Hall to check for closed sections. The pre-registration schedule will be the student's official schedule unless he fails or drops some subject after pre-registration, in which case his schedule will be adjusted by his advisor before Registration on September 10, 1962. Such students should carefully check their schedule on registration day.

1. Please do not sign schedule cards in the space for the mid-semester and final grades.
2. Lecture and laboratories should not be placed on the same line but on separate lines.
3. All cards must be filled out in black or blue ink on the front and back.
4. The full course title should be listed in the space for course title rather than department and number.

### Prerequisites

In pre-registration check prerequisites as shown in the Schedule of Classes. A student who does not have the prerequisites and still wants to take a course must secure permission from his advisor and from the chairman of the department teaching the course. Necessary forms for this request may be secured in the Registrar's Office. Those who pre-register without this permission will be dropped from the course as soon as prerequisites are checked. The student should take care of this at the time of pre-registering and save trouble and inconvenience for himself and others. If the student fails a prerequisite course at the end of the semester, he should adjust his schedule at the time of final registration.

### Repeat Courses

If a veteran student registers for a repeat course in order to raise his grade, this course will not count in the required 14 hours for PL No. 550 veterans in order to obtain full subsistence, unless such repetitions is required by the Scholarship Committee, in which case repeat courses will count.

### On Probation

A student on probation will be limited to 16 hours. A student on probation at pre-registration may assume he will clear probation during this semester, but if he does not, his schedule will be adjusted to 16 hours before final registration on Sept. 10, 1962.

### Saturday Classes

Saturday classes have been avoided where possible, but with increasing enrollment, limited class room space, and heavier teaching loads, Saturday classes are a necessity and will be handled as such.

### Addresses

Students are requested not to write their addresses on the Schedule Card until the date they pay their fees and complete registration.

### Early Payment of Fees

Those students who desire to pay their fees for the Fall Semester during the current semester may do so provided that they are not on scholastic probation and did not have a "D" or "F" grade reported at mid-semester. The date for early registration will be Friday, May 11, 1962. The necessary papers for registration may be obtained in the Registrar's Office on this date. Students desiring to pay their fees early for the Fall Semester during the summer may do so during the period June 18 through August 10, 1962, inclusive. Again, the necessary papers for early registration may be obtained from the Registrar's Office during this period.

### Summer Session

Pre-registration for the Summer Session will also be handled from May 7 to May 10, 1962. The student should fill in the schedule card completely. The schedule card must be signed by the student's advisor.

## Sigma Pi Sigma Receives Members

The MSM chapter of Sigma Pi Sigma, national physics honor society, held its formal reception of new members in room 107 of the Mining Building on April 18. Following the reception, a banquet was held at the Colonial Village. Dr. D. E. Day of the Ceramic Engineering Department delivered the after-dinner speech on "Fiber Optics."

The undergraduates received into membership were: David E. Fischer, John R. Glaese, Jerry G. Johnson, William D. Mayer, Jr., Brian J. Roth, and John R. Smith.

President Robert A. Harris, Jr. announced at the banquet that the recipient of the Sigma Pi Sigma Sophomore Physics Award was Robert O. Schwenker.

## Highway Patrol

(Continued From Page 2)

thefts. They are taught the rudiments of using the lie detector and the use of firearms. They are also instructed in many other subjects considered absolutely essential for efficiency in police work. Instructors for the courses

are officers of the State Highway Patrol.

The school terms are of two weeks duration and the average enrollment for each session is above 30 students. On completion of the course, each officer is presented with a certificate, signed by Governor John M. Dalton and Col. Hugh H. Waggoner, Superintendent of the Highway Patrol, stating that he has satisfactorily completed the training.

805 Pine  
Authorized Agent  
Jeweler  
G. L. Christopher  
WATCHES  
OMEGA

## PAWNS

WE LOAN CASH ON  
CAMERAS  
RINGS

JEWELRY  
RADIOS

Anything of Value

FULLER JEWELRY

711 Pine

Rolla, Mo.

Any One for Baseball, Softball, Tennis?

See

KENMARK SPORTING GOODS

908 Pine



EM 4-3603

For Your Spring Equipment Requirements



"Tareyton's Dual Filter in duas partes divisa est!"

says Sextus (Crazy Legs) Cato, Bacchus Cup winner.

"There are lots of filter cigarettes around," says Crazy Legs, "but e pluribus unum stands out—Dual Filter Tareyton. For the best taste of the best tobaccos, try Tareyton—one filter cigarette that really delivers de gustibus!"



DUAL FILTER  
Tareyton

Product of The American Tobacco Company—Tobacco is our middle name. © 1962



# FINALS SCHEDULE

Thursday, May 24, 1962, 8:00 a. m. through Tuesday, May 29, 1962  
Final Exam Period

Theses will be due in the Library, May 8, 1962.

Grades for graduating seniors and Master's degree candidates will be due at 12:00 noon on May 17, 1962.

Reports on oral examinations will be due at 5:00 p. m., May 22, 1962.

All other grades will be due at 5:00 p. m. on May 29, 1962.

Grades for Ph. D. candidates are due in Columbia by May 31, 1962.

## CERAMICS

Course No.	Time of Examinations	Room
51	Saturday, May 26, 1:00 p. m.	211 Ful.
202	Monday, May 28, 8:00 a. m.	211 Ful.
251	Saturday, May 26, 1:00 p. m.	114 CE
259	Friday, May 25, 1:00 p. m.	212 Ful.
264	Thursday, May 24, 1:00 p. m.	103 Ful.
308	Friday, May 25, 1:00 p. m.	103 Ful.
315	Saturday, May 26, 10:10 a. m.	103 Ful.
345	Monday, May 28, 8:00 a. m.	212 Ful.
361	Monday, May 28, 8:00 a. m.	103 Ful.

## CHEMISTRY

1	Friday, May 25, 1:00 p. m.	G 6 Ch. E.
3A	Thursday, May 24, 1:00 p. m.	G 6 Ch. E.
3B	Saturday, May 26, 1:00 p. m.	G 3, G 6 Ch. E.
3C	Monday, May 28, 1:00 p. m.	G 6 Ch. E.
3D	Friday, May 25, 10:10 a. m.	G 6 Ch. E.
7A	Monday, May 28, 8:00 a. m.	G 3 Ch. E.
7B	Tuesday, May 29, 8:00 a. m.	G 6 Ch. E.
9	Friday, May 25, 1:00 p. m.	310 Ch. E.
221	Saturday, May 26, 1:00 p. m.	110 Ch. E.
223	Friday, May 25, 1:00 p. m.	G 3 Ch. E.
241	Thursday, May 24, 1:00 p. m.	104 Old Chem.
243A	Saturday, May 26, 1:00 p. m.	102 Old Cafe
243B	Saturday, May 26, 3:10 p. m.	102 Old Cafe
331	Thursday, May 24, 1:00 p. m.	310 Ch. E.
345	Friday, May 25, 1:00 p. m.	211 Ch. E.
367	Saturday, May 26, 10:10 a. m.	202 Ch. E.
385	Friday, May 25, 1:00 p. m.	104 Old Chem
387	Saturday, May 26, 3:10 p. m.	104 Old Chem
423	See Instructor	
435	Thursday, May 24, 3:10 p. m.	202 Ch. E.

## CHEMICAL ENGINEERING

51	Thursday, May 24, 3:10 p. m.	G 3 Ch. E.
55	Saturday, May 26, 10:10 a. m.	204 Ch. E.
169	Friday, May 25, 1:00 p. m.	110 Ch. E.
258	Saturday, May 26, 3:10 p. m.	204 Ch. E.
261A	Monday, May 28, 1:00 p. m.	110 Ch. E.
261B	Monday, May 28, 8:00 a. m.	110 Ch. E.
263	Friday, May 25, 1:00 p. m.	204 Ch. E.
265A	Monday, May 28, 8:00 a. m.	204 Ch. E.
265B	Monday, May 28, 1:00 p. m.	204 Ch. E.
267A	Thursday, May 24, 1:00 p. m.	110 Ch. E.
267B	Saturday, May 26, 10:10 a. m.	G 3 Ch. E.
268	Saturday, May 26, 3:10 p. m.	204 Ch. E.
271	Thursday, May 24, 1:00 p. m.	G 3 Ch. E.
373	Monday, May 28, 10:10 a. m.	110 Ch. E.
383	Monday, May 28, 8:00 a. m.	202 Ch. E.
389	Saturday, May 26, 10:10 a. m.	104 Old Chem.

## CIVIL ENGINEERING

1A	Tuesday, May 29, 10:10 a. m.	117 CE
1B	Saturday, May 26, 3:10 p. m.	119 CE
1C	Tuesday, May 29, 8:00 a. m.	117 CE
1D	Tuesday, May 29, 1:00 p. m.	117 CE
8A	Thursday, May 24, 1:00 p. m.	114 CE
8B	Saturday, May 26, 1:00 p. m.	302 CE
8C	Monday, May 28, 8:00 a. m.	314 CE
49	Friday, May 25, 3:10 p. m.	114, 117 CE
61	Monday, May 28, 3:10 p. m.	114, 117 CE
102A	Saturday, May 26, 10:10 a. m.	314 CE
102B	Monday, May 28, 8:00 a. m.	313 CE
111A	Monday, May 28, 8:00 a. m.	119 CE
111B	Tuesday, May 29, 8:00 a. m.	114 CE
116A	Saturday, May 26, 1:00 p. m.	119 CE
116B	Monday, May 28, 1:00 p. m.	117 CE
116C	Saturday, May 26, 10:10 a. m.	119 CE
116D	Monday, May 28, 8:00 a. m.	120 CE
121A	Friday, May 25, 1:00 p. m.	302 CE
121B	Saturday, May 26, 3:10 p. m.	302 CE
121C	Tuesday, May 29, 8:00 a. m.	302 CE
125A	Monday, May 28, 8:00 a. m.	302 CE
125B	Monday, May 28, 1:00 p. m.	313 CE
125C	Friday, May 25, 1:00 p. m.	314 CE
131A	Thursday, May 24, 1:00 p. m.	117 CE
131B	Friday, May 25, 1:00 p. m.	117 CE
131C	Saturday, May 26, 1:00 p. m.	117 CE
131D	Monday, May 28, 10:10 a. m.	117 CE
215A	Friday, May 25, 1:00 p. m.	218 CE
215B	Tuesday, May 29, 8:00 a. m.	218 CE
215C	Saturday, May 26, 1:00 p. m.	218 CE
221A	Saturday, May 26, 3:10 p. m.	314 CE
221B	Monday, May 28, 1:00 p. m.	314 CE
221C	Saturday, May 26, 10:10 a. m.	313 CE
231A	Friday, May 25, 3:10 p. m.	119 CE
231B	Friday, May 25, 3:10 p. m.	120 CE

(Continued on Page 5)

## Dr. Kirkendall to Give ROTC Lecture

The third in a series of five special lectures for the MSM Military Science students will be presented by Doctor Richard S. Kirkendall, Associate Professor of History, University of Missouri at 7:00 P. M. Wednesday, May 2nd in MSM Parker Hall Auditorium.

Doctor Kirkendall will lecture on the subject: "Significance of Eastern Europe and USSR in World Affairs." This subject is associated with an analysis of world power alignments of the Communists forces emphasizing the political ties of these historically dissimilar nations.

Doctor Kirkendall received his Ph. D. from the University of Wisconsin and taught for three years at Wesleyan University before joining the faculty of the University of Missouri in the fall of 1958. He is the author of a number of articles on recent United States history and is now completing a book dealing with the social scientists in politics 1930-1946.

In his lecture Doctor Kirkendall will present an analysis of the national power of the USSR and its relationship with Eastern Europe to include the type of government and leadership which determine the policies of the USSR and its satellites. He will trace the ideological, military, political, and economic developments in the USSR that have resulted in a monolithic society.

This special lecture series is sponsored by the MSM Military Department to provide a better understanding of the role of the United States in world affairs for the future commissioned officers.

## Dr. Nauert Speaks About West Europe

Doctor Charles Nauert, Assistant Professor of History at the University of Missouri lectured on the "Significance of Western Europe in World Affairs" in Parker Hall Auditorium, Missouri School of Mines and Metallurgy at 7:00 p. m. Thursday, April 26.

This was the second of a special series of lectures by professors from the University of Missouri being sponsored by the Military Department at MSM for the Military Science IV class. On April 18 Doctor Walter V. Scholes lectured on the "Significance of Latin America in World Affairs."

Doctor Nauert received his Ph. D. from the University of Illinois. He taught five years at Williams College, Williamstown, Massachusetts before moving to the University of Missouri last fall. He teaches the M. U. course in Western Civilization and upper class courses in Medieval History and the Renaissance and Reformation Period. He has written several articles for professional journals in the history field.

Doctor Nauert discussed in his lecture the more recent developments within the Western European countries. He covered the political, sociological and economic aspects of these countries related to their historical achievements. He showed how these countries are cooperating through economic and military assistance agreements to form a bloc of free nations that has a decided influence on present world events.

## The LAUNDRY CENTER

### LAUNDRY - DRY CLEANING - SHIRTS

### Complete Bachelor Laundry Service

Corner 7th and Rolla Streets

ALSO FEATURING

New Coin-Operated Self-Service Laundry



**On Campus** with Max Shulman

(Author of "Rally Round The Flag, Boys", "The Many Loves of Dobie Gillis", etc.)

## CRAM COURSE No. 3: ENGLISH POETRY

Final exams will soon be upon us. This is no time for fun and games. Let us instead study hard, cram fiercely, prepare assiduously.

In this column today let us make a quick survey of English poetry. When we speak of English poetry, we are, of course, speaking of Byron, Shelley, and Keats. Some say that of the three, Keats was the most talented. It is true that he displayed his gifts earlier than the others. While still a schoolboy at St. Swinith's he wrote his epic lines:

*If I am good, I get an apple,  
So I don't whistle in the chapel.*

From this distinguished beginning, he went on to write another 40,000 poems in his lifetime—which is all the more remarkable when you consider that he was only five feet tall!

I mention this fact only to show that physical problems never keep the true artist from creating. Byron, for example, was lame. Shelley had an ingrown hair. Nonetheless, these three titans of literature turned out a veritable torrent of romantic poetry.

Nor did they neglect their personal lives. Byron, a devil with the ladies, was expelled from Oxford for dipping Elizabeth Barrett's pigtails in an inkwell. He thereupon left England to fight in the Greek war of independence. He fought bravely and well, but women were never far from his mind, as evidenced by this immortal poem:

*How splendid it is to fight for the Greek,  
But I don't enjoy it half as much as dancing cheek to cheek.*

While Byron fought in Greece, Shelley remained in England, where he became court poet to the Duke of Marlborough. (It is interesting to note in passing that Marlborough was the original spelling of Marlboro Cigarettes, but the makers were unable to get the entire word on the package. With characteristic ingenuity they cleverly lopped off the final "gh". This, of course, left them with a "gh" lying around the factory. They looked for some place to put it and finally decided to give it to the Director of Sales, Mr. Vincent Van Go. This had a rather curious result. As plain Van Go, he had been a crackerjack director of sales, but once he became Van Gogh, he felt a mysterious, irresistible urge to paint. He resigned from the Company and became an artist. It did not work out too well. When Van Gogh learned what a great success Marlboro Cigarettes quickly became—as, of course, they had to with such a flavorful flavor, such a filterful filter, such a flip-top box, such a soft pack—he was so upset about leaving the firm that he cut off his ear in a fit of chagrin.)

But I digress. Byron, I say, was in Italy and Shelley in



*He resigned from the Company and became an artist*

England. Meanwhile Keats went to Rome to try to grow. Who does not remember his wistful lyric:

*Although I am only five feet high,  
Some day I will look in an elephant's eye.*

But Keats did not grow. His friends, Shelley and Byron, touched to the heart, rushed to Rome to stretch him. This too failed. Then Byron, ever the ladies' man, took up with Lucrezia Borgia, Catherine of Aragon, and Annie Oakley. Shelley, a more domestic type, stayed home with his wife Mary, and wrote his famous poem:

*I love to stay home with the missus and write,  
And hug her and kiss her and give her a bite.*

Mary Shelley finally got so tired of being bitten that she went into another room and wrote *Frankenstein*. Upon reading the manuscript, Shelley and Byron got so scared they immediately booked passage home to England. Keats tried to go too, but he was so small that the clerk at the steamship office couldn't see him over the top of the counter. So Keats remained in Rome and died of a broken heart.

Byron and Shelley cried a lot and then together composed this immortal epitaph:

*Good old Keats, he might have been short,  
But he was a great American and a heck of a good sport.*

© 1962 Max Shulman

*Truth, not poetry, is the business of the Marlboro makers,  
and we tell you truly that you can't find a better tasting,  
better smoking cigarette than today's Marlboro.*



# FINALS 'Continued'

## CIVIL ENGINEERING (Cont.)

Course No.	Time of Examinations	Room
231C	Tuesday, May 29, 8:00 a. m.	119 CE
235A	Thursday, May 24, 1:00 p. m.	119 CE
235B	Saturday, May 26, 1:00 p. m.	120 CE
235C	Monday, May 28, 10:10 a. m.	119 CE
243A	Saturday, May 26, 10:10 a. m.	117 CE
243B	Monday, May 28, 8:00 a. m.	117 CE
325	Monday, May 28, 1:00 p. m.	114 CE

## ELECTRICAL ENGINEERING

31	Monday, May 28, 3:10 p. m.	105, 220 EE, G 10 EE
41A	Thursday, May 24, 1:00 p. m.	G 11 EE
41B	Saturday, May 26, 1:00 p. m.	G 11 EE
133	Monday, May 28, 3:10 p. m.	G 6 Ch. E.
135A	Thursday, May 24, 1:00 p. m.	105 EE
135B	Saturday, May 26, 10:10 a. m.	105 EE
141	Monday, May 28, 3:10 p. m.	102 Old Cafe
171	Thursday, May 24, 10:10 a. m.	114 CE
173A	Thursday, May 24, 1:00 p. m.	102 Old Cafe
173B	Saturday, May 26, 3:10 p. m.	102 EE
173C	Monday, May 28, 1:00 p. m.	105 EE
175	Monday, May 28, 1:00 p. m.	103 EE
241A	Monday, May 28, 1:00 p. m.	102 EE
241B	Friday, May 25, 1:00 p. m.	G 11 EE
241C	Saturday, May 26, 10:10 a. m.	102 EE
241D	Saturday, May 26, 1:00 p. m.	G 10 EE
251A	Tuesday, May 29, 10:10 a. m.	103 EE
251B	Friday, May 25, 10:10 a. m.	103 EE
251C	Monday, May 28, 8:00 a. m.	G 11 EE
251D	Monday, May 28, 1:00 p. m.	104 EE
261A	Friday, May 25, 10:10 a. m.	104 EE
261B	Thursday, May 24, 1:00 p. m.	G 10 EE
261C	Saturday, May 26, 1:00 p. m.	103 EE
275A	Tuesday, May 29, 10:10 a. m.	G 10 EE
275B	Saturday, May 26, 3:10 p. m.	G 11 EE
275C	Friday, May 25, 1:00 p. m.	G 10 EE
277A	Saturday, May 26, 10:10 a. m.	104 EE
277B	Thursday, May 24, 1:00 p. m.	220 EE
277C	Monday, May 28, 1:00 p. m.	106 EE
277D	Monday, May 28, 8:00 a. m.	103 EE

## GEOLOGY

50	Saturday, May 26, 1:00 p. m.	305 Nor.
	or	
	Saturday, May 26, 3:10 p. m.	305 Nor.
51	Tuesday, May 29, 8:00 a. m.	302 Nor.
52	Thursday, May 24, 10:10 a. m.	302 Nor.
111	Monday, May 28, 8:00 a. m.	302 Nor.
114	Saturday, May 26, 10:10 a. m.	211 Nor.
130	Tuesday, May 29, 10:10 a. m.	302 Nor.
170	Tuesday, May 29, 1:00 p. m.	302 Nor.
220	Saturday, May 26, 1:00 p. m.	206 Nor.
224	Friday, May 25, 1:00 p. m.	311 Nor.
228	Saturday, May 26, 3:10 p. m.	302 Nor.
234	Tuesday, May 29, 8:00 a. m.	103 Nor.
241	Thursday, May 24, 3:10 p. m.	302 Nor.
254	Saturday, May 26, 10:10 a. m.	302 Nor.
285	Saturday, May 26, 3:10 p. m.	122 Min.
375	See Instructor	
384	Monday, May 28, 8:00 a. m.	103 Nor.
386	Saturday, May 26, 1:00 p. m.	111 Min.
394	Friday, May 25, 1:00 p. m.	302 Nor.
413	Monday, May 28, 8:00 a. m.	209 Nor.
421	Tuesday, May 29, 10:10 a. m.	303 Nor.
430	Saturday, May 26, 10:10 a. m.	209 Nor.
431	Friday, May 25, 1:00 p. m.	209 Nor.
442	Friday, May 25, 1:00 p. m.	103 Nor.
480	Thursday, May 24, 1:00 p. m.	305 Nor.

## ENGLISH

1A	Thursday, May 24, 1:00 p. m.	Rolla Bldg.
1B	Tuesday, May 29, 10:10 a. m.	Rolla Bldg.
2	Thursday, May 24, 10:10 a. m.	See Instructor
51A	Thursday, May 24, 1:00 p. m.	Rolla Bldg.
51B	Saturday, May 26, 3:10 p. m.	Rolla Bldg.
75A	Saturday, May 26, 10:10 a. m.	Rolla Bldg.
75B	Monday, May 28, 1:00 p. m.	Rolla Bldg.
105A	Saturday, May 26, 10:10 a. m.	Rolla Bldg.
105B	Saturday, May 26, 1:00 p. m.	Rolla Bldg.
105C	Saturday, May 26, 3:10 p. m.	Rolla Bldg.
105D	Monday, May 28, 10:10 a. m.	Rolla Bldg.
105E	Friday, May 25, 10:10 a. m.	Rolla Bldg.
110A	Friday, May 25, 1:00 p. m.	Rolla Bldg.

## ENGLISH (Cont.)

Course No.	Time of Examinations	Room
110B	Monday, May 28, 8:00 a. m.	Rolla Bldg.
125	Friday, May 25, 1:00 p. m.	Rolla Bldg.
150	Saturday, May 26, 1:00 p. m.	Rolla Bldg.
170A	Monday, May 28, 8:00 a. m.	Rolla Bldg.
170B	Monday, May 28, 1:00 p. m.	Rolla Bldg.
170C	Friday, May 25, 10:10 a. m.	Rolla Bldg.

## FRENCH

1	Tuesday, May 29, 8:00 a. m.	
2	Tuesday, May 29, 3:10 p. m.	Rolla Bldg.

## GERMAN

1	Monday, May 28, 8:00 a. m.	Rolla Bldg.
2	Monday, May 28, 10:10 a. m.	Rolla Bldg.
3	Saturday, May 26, 10:10 a. m.	Rolla Bldg.
4	Monday, May 28, 1:00 p. m.	Rolla Bldg.

## SPANISH

1	Monday, May 28, 8:00 a. m.	Rolla Bldg.
2	Friday, May 25, 1:00 p. m.	Rolla Bldg.
3	Saturday, May 26, 10:10 a. m.	Rolla Bldg.
4	Monday, May 28, 1:00 p. m.	Rolla Bldg.

## ECONOMICS

100A	Thursday, May 24, 1:00 p. m.	Rolla Bldg.
100B	Saturday, May 26, 10:10 a. m.	Rolla Bldg.
100C	Friday, May 25, 1:00 p. m.	Rolla Bldg.
100D	Saturday, May 26, 3:10 p. m.	Rolla Bldg.
100E	Monday, May 28, 1:00 p. m.	Rolla Bldg.
100F	Tuesday, May 29, 10:10 a. m.	Rolla Bldg.
100G	Friday, May 25, 10:10 a. m.	Rolla Bldg.
130	Tuesday, May 29, 10:10 a. m.	Rolla Bldg.
201A	Friday, May 25, 1:00 p. m.	Rolla Bldg.
201B	Monday, May 28, 8:00 a. m.	Rolla Bldg.
201C	Monday, May 28, 1:00 p. m.	Rolla Bldg.
201D	Friday, May 25, 10:10 a. m.	Rolla Bldg.
314	Saturday, May 26, 10:10 a. m.	Rolla Bldg.
315	Saturday, May 26, 1:00 p. m.	Rolla Bldg.
356	Saturday, May 26, 3:10 p. m.	Rolla Bldg.

## HISTORY

160A	Thursday, May 24, 1:00 p. m.	Rolla Bldg.
160B	Saturday, May 26, 10:10 a. m.	Rolla Bldg.
160C	Monday, May 28, 8:00 a. m.	Rolla Bldg.
160D	Saturday, May 26, 1:00 p. m.	Rolla Bldg.
160E	Friday, May 25, 10:10 a. m.	Rolla Bldg.
160F	Tuesday, May 29, 10:10 a. m.	Rolla Bldg.

## PSYCHOLOGY

153	Saturday, May 26, 3:10 p. m.	Rolla Bldg.
-----	------------------------------	-------------

## RELIGION

105	Monday, May 28, 1:00 p. m.	Baptist Center
107	Tuesday, May 29, 1:00 p. m.	St. Patrick's School
108	Tuesday, May 29, 10:10 a. m.	St. Patrick's School
109	Monday, May 28, 10:10 a. m.	St. Patrick's School

## SOCIOLOGY

181	Thursday, May 24, 3:10 p. m.	Rolla Bldg.
-----	------------------------------	-------------

## MATHEMATICS

3	Thursday, May 24, 8:00 a. m.	Harris Hall
5	Friday, May 25, 8:00 a. m.	See Instructor
8	Friday, May 25, 8:00 a. m.	See Instructor
21	Thursday, May 24, 8:00 a. m.	See Instructor
22	Thursday, May 24, 8:00 a. m.	See Instructor
73A	Tuesday, May 29, 8:00 a. m.	Harris Hall
73B	Friday, May 25, 10:10 a. m.	Harris Hall
73C	Saturday, May 26, 10:10 a. m.	Harris Hall
201A	Thursday, May 24, 1:00 p. m.	Harris Hall
201B	Saturday, May 26, 10:10 a. m.	Harris Hall
201C	Friday, May 25, 1:00 p. m.	Harris Hall
201D	Saturday, May 26, 1:00 p. m.	Harris Hall

(Continued on Page 6)

# ASCE to Take Trip to Taum Sauk

The ASCE held its bi-monthly meeting on April 18, 1962. The speaker was Dr. Rolf T. Skrendo, who is Associate Professor of Sanitary Engineering Laboratories at Washington University, in St. Louis. Dr. Skrendo spoke on "Challenges to Sanitary Engineers on a Global Scale." His speech, which was augmented by slides, proved to be of great interest to all who attended.

The ASCE's activities for this semester will soon be closed. It is important that these next announcements be noted on your calendar. If not, you may miss one of the ASCE highlights of the year.

The next meeting of ASCE will be Wednesday, May 2, 1962. During this meeting, candidates for next semesters officers will be nominated. After nominations, Mr. Lorrin Foster, who is President of the Engineer's Club of St. Louis will present a program on "Consulting Engineering."

All ASCE members are invited to participate in a field trip to the Taum Sauk project on Saturday, May 5, 1962. A bus will leave from the Civil Engineering Building at 8:00 a. m. Reservations cost \$3.50 and may be purchased at the cashiers window in Parker Hall. The receipt will be your ticket to board the bus. Lunch will be furnished free of charge and no private cars will be allowed. Make your reservation now; only a few are left.

## Interested in Stocks?

Investors Stock Fund, Inc., offers an open end mutual fund with professional supervision of diversified securities, emphasizing common stocks. The securities for this fund are chosen with objectives of long-term capital appreciation possibilities and reasonable income.

## A practical approach to Life Insurance needs?

Your financial plan for your family's needs should include sufficient life insurance. Talk to your "Investors man" about life insurance designed to fit in the family financial program.

For insurance information or fund prospectus-booklet, call:

KENNETH K. ASHER  
Zone Manager  
908 W. 13th St.  
EM 4-3085

Investors  
Diversified Services, Inc.  
FOUNDED 1894

Investors  
Syndicate Life  
INSURANCE & ANNUITY CO.



## OR, MAIL THIS COUPON

Please send me:  
☐ Investors Stock Fund Prospectus  
☐ Insurance Information

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

# SUMMER JOBS in EUROPE THE 'new' WAY TO SEE & 'live' EUROPE

FOR SUMMER JOBS OR TOURS WRITE: AMERICAN STUDENT INFORMATION SERVICE  
22 Avenue de la Liberte, Luxembourg-City, Grand Duchy of Luxembourg

## The Finest in..... DRY CLEANING

Pressing While You Wait.  
One Day Service if Requested.  
Pick Up and Delivery Service.

**MODERN**  
Dry Cleaners  
9th and Pine

Dial  
EM 4  
2509



## FINALS 'Continued'

### MATHEMATICS (Cont.)

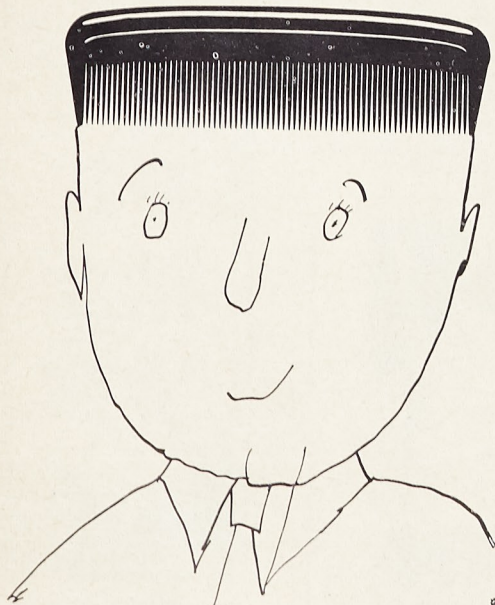
Course No.	Time of Examinations	Room
201E	Monday, May 28, 10:10 a. m.	Harris Hall
215	Friday, May 25, 1:00 p. m.	Harris Hall
302	Monday, May 28, 10:10 a. m.	Harris Hall
307	Saturday, May 26, 10:10 a. m.	Harris Hall
310	Friday, May 25, 3:10 p. m.	Harris Hall
311	Friday, May 25, 3:10 p. m.	Harris Hall
318A	Thursday, May 24, 1:00 p. m.	Harris Hall
318B	Saturday, May 26, 3:10 p. m.	Harris Hall
318C	Monday, May 28, 1:00 p. m.	Harris Hall
322A	Friday, May 25, 1:00 p. m.	Harris Hall
322B	Saturday, May 26, 1:00 p. m.	Harris Hall
325	Monday, May 28, 1:00 p. m.	Harris Hall
336	Saturday, May 26, 1:00 p. m.	Harris Hall
358	Monday, May 28, 8:00 a. m.	Harris Hall
383	Thursday, May 24, 1:00 p. m.	Harris Hall
401	Saturday, May 26, 1:00 p. m.	Harris Hall
409	Thursday, May 24, 3:10 p. m.	Harris Hall
411	See Instructor	See Instructor

### MECHANICAL ENGINEERING

105	Saturday, May 26, 1:00 p. m.	217 Ful.
121A	Thursday, May 24, 1:00 p. m.	211 Ful.
121A	Saturday, May 26, 10:10 a. m.	211 Ful.
121C	Friday, May 25, 1:00 p. m.	213 Min.
121D	Monday, May 28, 8:00 a. m.	213 Min.
121E	Saturday, May 26, 1:00 p. m.	107 Min.
121G	Monday, May 28, 1:00 p. m.	217 Ful.
123	Thursday, May 24, 1:00 p. m.	212 Ful.
171	Tuesday, May 29, 1:00 p. m.	102 Old Cafe
175	Saturday, May 26, 10:10 a. m.	111 Min.
193	Monday, May 28, 1:00 p. m.	103 Ful.
201A	Friday, May 25, 1:00 p. m.	107 Min.
201B	Saturday, May 26, 1:00 p. m.	213 Min.
203	Thursday, May 24, 10:10 a. m.	103, 104 Old Cafe
211A	Monday, May 28, 8:00 a. m.	103 Old Cafe
211B	Saturday, May 26, 3:10 p. m.	103 Old Cafe
211C	Monday, May 28, 1:00 p. m.	103 Old Cafe
221A	Saturday, May 26, 10:10 a. m.	217 Ful.
221B	Monday, May 28, 8:00 a. m.	104 Old Chem.
221C	Monday, May 28, 3:10 p. m.	217 Ful.
221D	Monday, May 28, 3:10 p. m.	217 Ful.
251A	Saturday, May 26, 10:10 a. m.	107 Min.
251B	Saturday, May 26, 1:00 p. m.	204 Ch. E.
251C	Monday, May 28, 8:00 a. m.	107 Min.
295	Tuesday, May 29, 8:00 a. m.	103 Ful.
310	Saturday, May 26, 10:10 a. m.	107 Min.
317	Thursday, May 24, 3:10 p. m.	103 Ful.
343	Tuesday, May 29, 8:00 a. m.	111 Min.
361	Friday, May 25, 1:00 p. m.	202 Ch. E.
381	Monday, May 28, 10:10 a. m.	212 Ful.

### MECHANICS

51	Friday, May 25, 8:00 a. m.	See Instructor
102	Friday, May 25, 8:00 a. m.	See Instructor
103	Thursday, May 24, 8:00 a. m.	See Instructor
105	Friday, May 25, 1:00 p. m.	Old Met. Bldg.
203	Thursday, May 24, 1:00 p. m.	Old Met. Bldg.
302	Friday, May 25, 1:00 p. m.	Old Met. Bldg.
303	Saturday, May 26, 3:10 p. m.	Old Met. Bldg.
307	Thursday, May 24, 3:10 p. m.	Old Met. Bldg.
403	Monday, May 28, 8:00 a. m.	Old Met. Bldg.
406	Thursday, May 24, 1:00 p. m.	Old Met. Bldg.
407	See Instructor	



**VITALIS® KEEPS YOUR HAIR NEAT ALL DAY WITHOUT GREASE!**  
Greatest discovery since the comb! Vitalis with V-7®, the greaseless grooming discovery. Keeps your hair neat all day without grease—and prevents dryness, too. Try Vitalis today.



### METALLURGY

Course No.	Time of Examinations	Room
113A	Saturday, May 26, 3:10 p. m.	217 Ful.
113B	Tuesday, May 29, 8:00 a. m.	G 10, 217 Ful.
251	Monday, May 28, 8:00 a. m.	G 10, 217 Ful.
255	Friday, May 25, 1:00 p. m.	211, 217 Ful.
281	Thursday, May 24, 1:00 p. m.	G 10, 217 Ful.
301	Saturday, May 26, 10:10 a. m.	212 Ful.
305	Saturday, May 26, 3:10 p. m.	G 10 Ful.
307	Tuesday, May 29, 8:00 a. m.	213 Min.
353	Saturday, May 26, 1:00 p. m.	212 Ful.
369	Thursday, May 24, 10:10 a. m.	103 Ful.
385	Monday, May 28, 1:00 p. m.	211 Ful.

### MILITARY

106	Tuesday, May 29, 3:10 p. m.	114 CE
-----	-----------------------------	--------

### MINING

100	Thursday, May 24, 1:00 p. m.	122 Min.
141	Friday, May 25, 1:00 p. m.	111 Min.
230	Monday, May 28, 1:00 p. m.	122 Min.
241	Thursday, May 24, 1:00 p. m.	111 Min.
247	Monday, May 28, 8:00 a. m.	122 Min.
257	Saturday, May 26, 3:10 p. m.	117 Min.
270	Saturday, May 26, 1:00 p. m.	117 Min.

(Continued on Page 7)

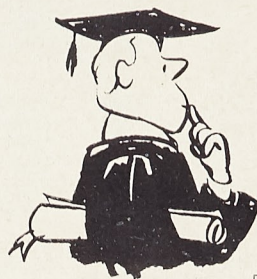
## 1100 Miners See "The Robe"

Nearly 1100 enthusiastic Miners viewed THE ROBE at its two presentations Wednesday evening April 11, in the Student Union Ballroom where it was presented as a special service of the Student Union.

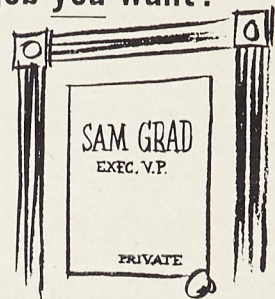
The Music and Films Committee reports that it plans to show an outstanding film during the week preceding each of the five major holidays next year. Although these films are rented at a high cost, the committee stated that with interest as keen as that shown at this first one they are very optimistic about the special holiday films program, which is to supplement, not replace, the present system.

## Check your opinions against L&M's Campus Opinion Poll #20

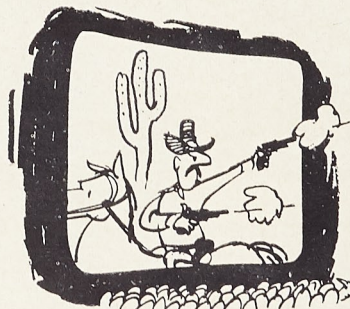
① Is a B. A. good enough for the job you want?



☐ Yes ☐ No

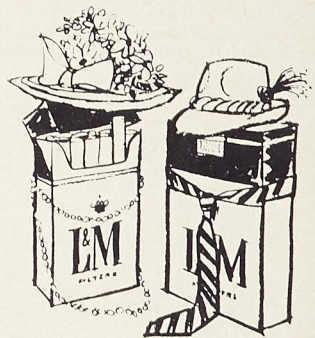


② Do U. S. movies weaken our image abroad?



☐ Yes ☐ No

③ What's the smart way for a cigarette to dress?



☐ box ☐ soft pack

## Get Lots More from L&M

L&M gives you **MORE BODY** in the blend, **MORE FLAVOR** in the smoke, **MORE TASTE** through the filter. It's the rich-flavor leaf that does it!



HERE'S HOW MEN AND WOMEN AT 56 COLLEGES VOTED.

soft pack	46%	36%
box	54%	64%
No	43%	28%
Yes	57%	72%
No	66%	49%
Yes	34%	51%

MEN WOMEN

L&M's the filter cigarette for people who really like to smoke.



## FELA Elects Officers

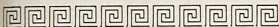
FELA, Fedescion de estudiantos Latino Americanos, was recently recognized as a student organization on the MSM campus. It has as its objectives the scholastic achievement of its members and the promotion of social activities and friendship among the students of MSM. The organization is recognized nationally as well and has many chapters in various universities throughout the United States.

Election of officers was held April 6th and the following were elected to office: President, Gabriel Zambrano; Vice-President, Juan Marquez; Secretary, Ralph H. Rojas; Treasurer, Atila J. Soros; Social Director, Antonio Santos; Sports Director, Gustabo Menocal. Dr. G. C. Amstutz is the student advisor.

The organization plans soon to have a banquet and dance at the Student Union and has been participating in baseball, soccer, and football games with various fraternities and other student groups.

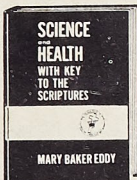
## Personality Column

James Gormley of Triangle announced his engagement to Miss Darlene Wenta of St. Louis.



## EVERY COLLEGE STUDENT CAN BENEFIT

by reading this book



An understanding of the truth contained in Science and Health with Key to the Scriptures by Mary Baker Eddy can remove the pressure which concerns today's college student upon whom increasing demands are being made for academic excellence.

### Free to You for 30 Days

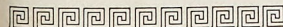
Science and Health may be read, borrowed, or purchased for \$3 at any Christian Science Reading Room. On request a copy will be mailed to you postpaid. After 30 days you may keep the book by remitting the cost or return it to the Reading Room in the mailing carton provided.

Information about Science and Health may also be obtained on campus through the

## Christian Science Organization

Mo. School of Mines  
Rolla, Missouri

Meeting Time:  
6:30 p. m. Tuesdays  
Meeting Place:  
612 State St.



## FINALS 'Continued'

### MINING (Cont.)

Course No.	Time of Examinations	Room
285	Saturday, May 26, 3:10 p. m.	122 Min.
307	Thursday, May 24, 3:10 p. m.	107 Min.
310	Saturday, May 26, 10:10 a. m.	122 Min.
322	Monday, May 28, 8:00 a. m.	117 Min.
327	Monday, May 28, 1:00 p. m.	111 Min.
331	Friday, May 25, 1:00 p. m.	117 Min.
386	Saturday, May 26, 1:00 p. m.	111 Min.
430	Monday, May 28, 10:10 a. m.	117 Min.
432	Friday, May 25, 1:00 p. m.	122 Min.
437	See Instructor	
482	Friday, May 25, 10:10 a. m.	111 Min.

### PHYSICS

21	Saturday, May 26, 8:00 a. m.	See Instructor
25	Saturday, May 26, 8:00 a. m.	See Instructor
251	Saturday, May 26, 8:00 a. m.	See Instructor
311	Friday, May 25, 1:00 p. m.	107 Nor.
321	Saturday, May 26, 3:10 p. m.	102 Nor.
341	Thursday, May 24, 1:00 p. m.	103 Nor.

Course No.	Time of Examinations	Room
PHYSICS (Cont.)		
351	Saturday, May 26, 1:00 p. m.	102 Nor.
357	Monday, May 28, 8:00 a. m.	206 Nor.
371	Saturday, May 26, 8:00 a. m.	See Instructor
403	Monday, May 28, 8:00 a. m.	107 Nor.
405	Saturday, May 26, 1:00 p. m.	103 Nor.
413	Saturday, May 26, 10:10 a. m.	103 Nor.
451	Monday, May 28, 1:00 p. m.	103 Nor.
455	Saturday, May 26, 10:10 a. m.	107 Nor.
463	Saturday, May 26, 3:10 p. m.	103 Nor.

## Tucker Dairy Company, Inc.



DAIRY PRODUCTS

103 W. 10th St. Rolla, Missouri Phone EM 4-3700

## Lively Mikki Pellettieri, Tulane '63



Oklahoma born Mikki Pellettieri now calls Houston, Texas, her home. She's Secretary of the Tulane Student Council.

## Lives it up with this lively One from Ford '62: the new fairlane 500 Sports Coupe!

Mikki Pellettieri, a Year Book Beauty, has her mind on Psychology and her eye on the all-new Fairlane 500 Sports Coupe. This Fairlane "a la king" combines trimmed-for-action outside dimensions with carriage trade interior appointments, between-seats console, and

snug-fitting bucket seats. An optional torrid Challenger 260 V-8 engine delivers high-velocity performance on regular gas. See the exciting Fairlane 500 Sports Coupe and all the Lively Ones at your Ford Dealer's—the liveliest place in town!





## MSM Students Begin Nuclear Engineering Society

There has been a desire and need for a nuclear society on our campus for some years now. A group of MSM students on Tuesday night, April 3rd, approved the constitution and became charter members of the MSM Nuclear Engineering Society.

The objectives of the society are the advancement of science and engineering related to the atomic nucleus, and of allied sciences and arts. To further these objectives, the society undertakes: 1) to promote the professional development of its members and its programs by its relations with other student societies, and 2) to contribute toward the development of nuclear science and technology at MSM through activities in which student members and faculty may participate. The society is open to those grad-

uate and undergraduate students enrolled in courses pertaining to nuclear science and technology, namely physics, ceramics, chemistry, mathematics, life sciences, engineering and metallurgy. Members of the nuclear industry are very much interested in the society and promise to provide many varied and enlightening programs for the society members.

After the constitution was approved, formal election of officers was held. Those elected were: Robert Osborne, President; Edward Benn, Vice President; Gerald Purcell, Secretary; and Harold Leamy, Treasurer. Dr. Eppelsheimer was elected to the position of honorary president by acclamation. His assistance and interest has been invaluable in the forming of this society and is appreciated by all concerned.

The society's next meeting is tentatively set for May 8th. All interested students and faculty members are cordially invited to attend. The future of this organization is one of great expansion just as is the field of Nuclear Sciences. Association with the MSM Nuclear Engineering Society will broaden ones outlook so that it encompasses the past, present, and future advances in the Nuclear field.

## Prospector's Club Elects New Officers

The annual election of Prospector's Club officers for the coming year was held at the regular monthly meeting April 16. The following men were elected officers: Bob Osbourne, President; Milt Murray, Secretary-Treasurer; Larry Fisher, Business Manager; and Sam Smith, Sergeant-at-Arms.

Elected to the Board of Control were Jim Bainter, Ed Tawfall, Bob Pierson, and Ricky Schmidt. Barry Heuer and Bob Pierson were elected to the GDI Board of Governors; and Glen Foss and Jerome Klier to the ICC.

Jim Gebhart was appointed Intramural Manager with Carl Gales his assistant.

### STUDENT UNION FILMS

Sunday, April 29, 1962  
2:30, 5:00, & 7:30 P.M.  
DIAL "M" FOR MURDER

Suspensemaster Hitchcock's witty version of the stage version smash concerning a charming but deadly tennis champion whose plot to murder his wealthy wife goes awry when her lover and Scotland Yard interfere.

Set in modern London; starring Ray Milland, Grace Kelly, and Robert Cummings.

### Robt S. Lewis

(Continued From Page 1)

oming Seminary and Dr. T. Beneze, president of the Colorado college.

Receiving special attention in the general sessions of the meeting will be the adjustment problems and foreign students, financial assistance programs for students and the professional growth of admissions officers and registrars.

### A. B. C. BOWLING

12 FULLY AUTOMATIC BOWLING ALLEYS  
OPEN 9:00 A. M. EVERY DAY

Convenient Snack Bar — Ho-Made Chili and Sandwiches  
Midnite Snacks

Phone EM 4-2121

PHONE ORDERS ACCEPTED

### TOP HAT LOUNGE

Michelob on Tap

"WHERE ALL THE MINERS MEET"

Air Conditioned

Open 10 A. M.

Television

EM 4-2030

## Nau

(Continued From Page 1)

cate that this book will be still more popular because it is unique and timely.

The book gives clear coverage of alternating waves, phasors and complex numbers in AC circuits, single-phase circuits, and locus diagrams. Resonant circuits, magnetically coupled circuits, network theorems, Foster's and Cauer's network synthesis, duality, polyphase circuits, symmetrical components, and Blondel's theorem as applied to polyphase systems all receive logical treatment.

Both the classical solution of integrodifferential equations and the Laplace transform method in linear transient analysis are covered. Equal emphasis is given to developing the node-voltage and mesh-current methods in detail. The exponential function, or rotating phasor, is used to advantage throughout, yielding, for instance, a simple derivation of Ohm's law for AC circuits. Virtually all the important concepts, laws, rules and procedures are illustrated or further clarified in worked-out solutions of sample problems. A large number of thought-provoking practice problems are presented at the end of each chapter.

Appendices provide helpful discussions of vector analysis and phasor algebra, and the use of trigonometric scales on the slide rule. An answer manual is available. The preparation of the answers for the answer manual was an all summer job, there being some 400 problems for student practice in working.

Robert H. Nau is currently Professor of Electrical Engineering at the School of Mines and Metallurgy, University of Missouri. Prior to this appointment, he taught at a number of universities and also served as a design and development engineer for

souri Portland's unusual operation of pumping cement much the same way one would pump water provided AICHE with another interesting meeting.

## Fed. of Latin American Students Sponsor Program

The Federation of Latin American Students of the Missouri School of Mines and Metallurgy is sponsoring a program, appropriately named the International Festival of Folklore, on Saturday, April 28, at 7:00 p. m., in Parker Hall on the MSM campus.

The festival is dedicated to the faculty members of the Missouri School of Mines and Metallurgy.

The program will include songs

and dances from America, Asia, Africa, and Europe and will feature members from the following student organizations: the Federation of Latin American Students, the India Association, the International Fellowship. Also featured will be the "University Dances Choral Group," the Girls Trio from the Rolla High School, and the Duck-N-Dive square dance group, directed by Mr. Wiggins.

Mr. Antonio Santos, program director for the festival, cordially invites all Rolla citizens and all MSM students to attend the international Festival of Folklore. Admission is Free and Everybody Is Welcome.

## Professor Nolte Given Position On Engr. Society

Dr. Roger E. Nolte, Professor of Electrical Engineering and Chairman of the Department of Electrical Engineering of the Missouri School of Mines and Metallurgy, has been elected First Vice-Chairman of the Missouri-Arkansas Section of the American Society for Engineering Education. Dr. Nolte, who will serve in this capacity during the 1962-63 academic year, was elected at the Section's meeting, which was held April 14 at the University of Arkansas' Fayetteville campus.

Serving with Dr. Nolte will be the other new officers elected at the meeting, including: Professor N. C. Burbank, Jr. of Washington University, Chairman; Professor William S. Sangster of the University of Missouri, Second Vice-Chairman; and Professor Jay Goldman of Washington University, Secretary.

Allis-Chalmers and for Westinghouse. Professor Nau has written many articles for technical journals and is the author of *Basic Electrical Engineering* (The Ronald Press Company), which also has an Instructor's Manual.

## Tonight and May 3 Are General Lecture Days

### UPTOWN THEATRE

MOVIES IN CINEMASCOPE

Starts Friday April 27-May 3  
Sunday Continuous from 1 p.m.

'Lover Come Back'

Rock Hudson & Doris Day

RITZ THEATRE

MOVIES ON WIDE SCREEN

Thurs., Fri., Sat. April 26-28

Saturday Continuous from 1 p.m.

'Blue Hawaii'

Elvis Presley & Joan Blackmon

— PLUS —

'The Parson and the Outlaw'

Anthony Dexter & Marie Windsor

Sun., Mon., Tues., April 29-May 1

Sunday Continuous from 1 p.m.

'Harry Black and the Tiger'

Stewart Granger & Barbara Rush

— PLUS —

'Horror of Dracula'

Peter Cushing & Melissa Stribling

Wed., Thurs., Fri., Sat. May 2-5

'The Comancheros'

John Wayne & Ina Balin

— PLUS —

'Here Come the Jets'

Steve Brodie & Lynn Thomas

ROLLA DRIVE IN

SHOWS START AT DUSK

Fri., Sat. April 27-28

'Hannibal'

Victor Mature & Rita Gam

— PLUS —

'Curse of the Undead'

Eric Fleming & Kathleen Crowley

Sun., Mon. April 29-30

'They Came to Cordura'

Gary Cooper & Rita Hayworth

Tuesday May 1

DOLLAR A CARLOAD

'The Last Blitzkrieg'

Van Johnson & Kerwin Mathews

Wed., Thurs. May 2-3

'Babette Goes to War'

Brigitte Bardot & Ronald Howard

Howard



MUELLER DISTRIBUTING CO.  
Rolla, Mo.



## Bill Kratzer Winds Up Third Year at MSM

During May of 1959, MSM was fortunate enough to have Bill Kratzer become part of its campus program, as director of the newly-built Student Union. Now twenty six years of age, Bill has managed to make his name well known and respected in many places. After receiving a Master's Degree in education from the University of Missouri in 1951, Bill became counselor at West Plains for two years, and spent the next four years as Civilian Educational Advisor to the Department of the Army at Fort Wood. Two years later, while employed as Program Director of the Student Union at his Alma Mater, he got a promotion to full-time director of our Union at MSM.

Built primarily for use by students, the Union has outgrown itself as far as facilities are concerned. Some of the plans for additions as seen by our director include: paying for the building about twenty five years sooner than originally planned, getting larger food and recreational facilities, and obtaining adequate space to accommodate for all the meetings requested. Specifically, such things as a larger kitchen, an auditorium, and bowling alley are in the planning.

Its expansion is obvious by the fact that five full time janitors work a twenty four hour shift; this is at least three more than those of any other building on campus. For you coffee lovers, it may be interesting to note that

seventy-two gallons are sold per day. At a nickel a cup, they are sold at a loss. Bill realizes this, but he says that as long as he pleases the students, he will continue to operate in this manner.

Mr. Kratzer, however, still considers himself to be in the field of education by his assistance to those active on our Student Union program. He has been a main factor in establishing better relations among students, faculty, and females (through mixers) in a somewhat combined social-educational set-up. He has also brought to himself well-deserved praise by his help in organizing chess, table tennis, and bowling teams. These in return have brought a good name to our school.

As director, Bill works eighteen long hours a day, seven days a week. He says that this is the "Like it or leave it" type of business; and obviously he loves his work. So with a little co-operation on our part, we can assist Bill in making our Student Union the best in the country for its size and pray for an addition in the near future.

## John H. Cox '48 Promoted to New Post

John H. Cox, BS in metallurgical engineering '48, has been named to the new position of chief manufacturing engineer at the Babcock & Wilcox Company's Barberton, Ohio, works. In his new job he will coordinate the manufacturing department's activities for all nuclear components.

Cox, who was born in St. Louis Mo., joined Babcock & Wilcox quality control laboratory in Barberton, as a metallurgical technician in 1948. In January 1952 he was made an assistant foreman and, in December of that year, was transferred to the Paris, Texas Works as tube shop foreman. He was named general foreman there in 1955.

In 1957 he returned to the Barberton Works where he was assigned to various positions in connection with atomic energy work. Cox is a member of the American Society of Metals and Kappa Sigma fraternity.

## NOTICE!

AVOID THE "LINES"

PAY NEXT FALL'S FEES EARLY

MAY 11 (One Day Only)

UNLESS you are on scholastic probation or had a "D" or "F" grade at Mid-Term,

obtain your Registration Forms at

THE REGISTRAR'S OFFICE — PAY AT THE CASHIER'S OFFICE.

Fees can also be paid in advance during the period of June 18 — August 10 inclusive.

## Banquet May 3 For AIEE-IRE

On May 3, 1962, at 6:30 p. m. the Joint Student Branch of AIEE and IRE will hold their annual banquet in the ballroom of the Student Union. The feature attraction of the evening will be a talk by Dr. Samuel Seely, noted educator and author. Other entertainment will include a musical program by the 4-Losers of Lambda Chi, winning quartet of the 1961 IFC Sing, and a satirical skit performed by the EE senior class. The toastmaster for the evening will be Professor George McPherson. The price of tickets will be \$1.25 for members and \$2.25 for guests.

Dr. Seely (Ph. D., Columbia University) is presently on a leave of absence from the Case Institute of Technology to act as Director of the Engineering Section of the National Science Foundation. During the war he conducted research on radar, electronics, and antenna theory at the radiation laboratory of MIT. In 1947 he received the Army-Navy Certificate of Appreciation for his work in radar. In 1959, through the Fulbright program, Dr. Seely taught at the University of Athens in Greece. He is the author of four books in the electronics field, one in the networks field, and one in the field of energy conversion. One of his books on electronics is now being used here at MSM.

During Dr. Seely's visit at MSM, he will also speak to the senior EE seminar class and meet with the MSM research committee.



## Salem refreshes your taste — "air-softens" every puff

*Take a puff...it's Springtime!*

A refreshing discovery is yours every time you smoke a Salem cigarette...for Salem refreshes your taste just as Springtime refreshes you. Most refreshing, most flavorful, too...that's Salem!

• menthol fresh • rich tobacco taste • modern filter, too

Created by R. J. Reynolds Tobacco Company



## Miner Cindermen Defeated by Washington U. Bears 71½-59½

By Howard McCormick

The Miners meet with Washington University Saturday April 21, 1962. Wash. U. took seven first places while the Miners managed to take eight firsts. The Miners fell behind because of Wash. U. taking so many second and third places.

Wash. U. took the lead in the meet with Richards taking first and Gortley taking second in the high hurdles followed by Carroll for MSM. Next Wash. U. showed up with first, second, and third in the 100 yd. dash with Weltman with the best time of 10.4 seconds. In the mile run the Miners showed their endurance with John Brown taking first with 4:51.7 time followed by Damotte and Kiefer who placed also for our team. Walden placed with 51.9 seconds for a first in the 440 yd. dash for MSM while second and third place was taken by Wash. U. Next in the 880 yd. run the Miners took all three places with Tharp placing first with a time of 2:07.1 with Patrick second and Henry placing third. The 220 yd. dash was Wash. U. speed, and they took second and first while we managed a meager third in this event. The two-mile run was the event in which the Miners showed up in taking all three positions lead by Brown with a time of 11:01.5. The short distances seemed to be Wash. U.'s meat which they showed by taking the

low hurdles in first, second, and third places. The mile relay, the last of the running events, was taken by Wash. U. with a time of 3:34.8.

In the field events it was a fairly even meet in which Wash. U. managed to gain one point on the Miners. Starting with the discus and javelin in which Wash. U. took both firsts in these events. Jackson three 135' for first in the discus and Domahidy threw the javelin 186'6½" for a first place. O'Mealy took first in the shot put with a distance of 42' 7¾" followed by Wash. U. who took second and third place.

The high jump event was taken with a 6' jump by Alford to

take first for the Miners while Brandt tied with Hoover from Wash. U. for third place. Heeger jumped 22' to take first in the broad jump for the Miners. The meet was finished up with the pole vault with Muller placing first with 12' and Shimamoto taking third.

The Miners lost their biggest number of points in the track meet but were just as strong as Washington University in the field events. The short distances were the best events for Wash. U. while the Miners did best in the longer distances. The total score at the end of the meet was Washington U. with 71½ points and the Miners 59½ points.

## Athlete Of the Month

Richard Greeley was selected by the M Club as Athlete of the month for February. Dick is a four year letterman on the swimming squad. He was outstanding this year in the 60 yard freestyle, 100 yard freestyle, and 400 yard freestyle relay. In the last three years Dick has taken high point



RICH GREELY

honors for the season twice, and was second once. In addition, he helped set an MSM record for the 400 yard freestyle relay.

Dick's diversified campus activities include the M Club, AICHe, Newman Club, and Independents. He has been particularly active in the MRHA, serving on the Board of Governors and holding the office of Governor of House "A" for several terms.

Dick graduated from Western Military Academy in 1958. His home is 56 Hawthorne Estates, St. Louis.

## Golfers Trounce Wash. U.; Lose to Springfield Bears

Two weeks ago the Miners met with Washington University in a golf meet to trounce the team 16-4. Only Stan Nodland lost to his opponent and this loss was only by one stroke. Bob Gollhofer, Bill McCracken and Hubert Jones all three out played their opponents by as many as ten strokes. The win was the first for the Miners by a margin this great.

The following day the Miners went on to meet the Springfield Bears. In this competition the MSM group found it much tougher going and wound up losing the meet by one point, 9½ to 8½. Hubert Jones shot a very good 37 for the first nine holes, but his opponent shot one better to give Springfield the one point that they needed to defeat the Miners. Jones went on to shoot an excellent 34 and a total of 71 to defeat his opponent 71-74. Bill McCracken pulled in three points for the Miners by defeating his opponent by a score of 77 to 83. Stan Nodland, by defeating Larry Pegg of Springfield 75-78 gained 2½ more points for the Miners. The ½ point lost was due to a 39-39 tie between the two at the end of the 1st nine holes. Tom Konkle acquired the Miners remaining point by bettering his opponent in the first nine by one stroke.

## Tennis Team Wins Over Harris; Lose to Bears

MSM defeated the Harris Teachers College tennis team, 6 to 0, on April 11, 1962.

The Miners won all the matches with Harris. In the singles Don Mason defeated Greg Larmann 6-3 and 6-1, Ken Scott defeated Bill Onder 6-4 and 6-1, Al Panhorst beat Jim Colbert 6-4 and 6-2, and Dale James defeated John Mazolla 6-1 and 6-2.

In the doubles Mason and James defeated Lauman and Onder 6-1 and 6-1, and Scott and Panhorst defeated Colbert and Madolla 6-2, 8-10 and 6-1.

Miners went down to defeat at the hands of Springfield eight to one April 14, 1962. Dale James' defeat of Tom Beuson was the only match MSM won. Rich Fronabarger beat Don Ma-

son 6-4 and 6-3, Ken Scott lost to Wes Fritz 3-6, 6-2, and 6-2, Al Panhorst lost to Nelson Osborne 6-1, 5-7, and 6-2, Ron Stretch lost to Rex Pierce 6-1 and 6-0, and John McKenna was defeated by Ron Galyean 6-1 and 6-1.

In the doubles Mason and James lost to Fromabarger of Springfield 6-4 and 6-2, Scott and Panhorst lost to Pierce and Osborne of Springfield 6-4 and 6-2, Stretch and McKenna were defeated by Galyean and Fritz who also play for Springfield, the scores were 6-3 and 6-1 in this match.

As of this writing the tennis team has a 0.500 percentage winning two and losing two.

—C. F. Marlow

## Miners Run Over Harris Hornets by 91-45 Score

The Missouri Miners sprinted past the Harris Teachers College Hornets in a track meet held two weeks ago here on Jackling Field. The final score was a very lopsided 91-45 in favor of the Miners. But some of the events were very close. This was the first meet that the MSM team has come out on top this season. But they have done well considering the opposition to date.

Brown scored 10 of the 91 Miner points by taking first in both the mile and two mile killers. The 440 grind was won by Walden in 52.6 seconds, and the 880 was taken by Patrick in 2 minutes and 9.9 seconds. The 220 yard dash was completely sewed up by the Miners as King, McVay, and Fugate took 1st, 2nd and 3rd places respectively. Overall scored

eight more points for the team as he placed 1st in the low hurdles and 2nd in the high hurdles.

The Rolla group also made a great showing in the field events.

The high jump, another clean up job by MSM, was won by Bob Collier with a 6 foot, 2 inch jump.

The shot put, the discus and javelin first places all went to Miners. O'Mealy threw the shot for a winning distance of 41 feet 7.5 inches. The discus, whirled by Kauffman, fell at 131.5 feet, and Osick put 159.5 feet between him and the point of his javelin. Although MSM lost the 880 relay they did win the mile relay.

The team did a very tremendous job in this victory scoring at least one point in every event, excepting the 880 relay. The Sports Staff hopes for their continued success.

## SIC FLICS



"Your pilot is Captain Smith -  
I'm your stewardess, Miss Kong."



21 GREAT TOBACCOS MAKE 20 WONDERFUL SMOKES!  
AGED MILD, BLENDED MILD - NOT FILTERED MILD - THEY SATISFY