

KENTUCKY Kernel

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Lexington, Kentucky

Video instruction aids in health-care fields

By MONTY N. FOLEY
Kernel Staff Writer

Closed circuit educational television began in Kentucky when a black-and-white camera and two studio monitors were donated to the UK Dental School by a Pennsylvania medical school in 1962, according to UK Med Center TV Coordinator Lankford Seward.

And when television proved to be a valuable aid to the dental program, "people from the Med Center began using our services," said Seward, who has been employed by UK since 1958.

Today Seward and his staff provide their videotape services for not only the dental and medical schools, but for the Colleges of Pharmacy, Nursing and Allied Health as well.

Presently, Seward said, the Med Center TV division is devoting its resources—which allow the division to tape and play back in 67 Med Center rooms—primarily to producing seven-minute taped sessions of medical students as they demonstrate their ability to interview patients.

Earlier in the school year "our facilities were used by the instructors to expose the students to those same interviewing techniques," Seward said. He added that the 108 second-year medical students would each make two such programs this semester.

Further use of the Med Center TV facilities is being made by the mental health program, Seward said. After a mental health patient's illness has been diagnosed, the patient may view tapes of another patient with a similar illness. "This viewing may allow the patient to see what he hasn't been able to see before—to

gain an understanding of his problem. It (the viewing) might lead to a self-cure," he said.

In comparing the use of television as a Med Center teaching aid to commercial TV productions, Seward said, "We must meet or exceed the quality of commercial productions. If we didn't, they (the productions) would distract the medical students from the presentation. It must compare with the technical quality of what the student sees on TV in his home."

Making quality programs at the Med Center requires a distinct production approach, Seward said.

At a commercial station the producer-director dictates every move the people in front of the camera make, Seward said. "But here, the person in front of the camera is frequently a doctor, and in that situation he becomes our boss. We will cater to him in producing programs."

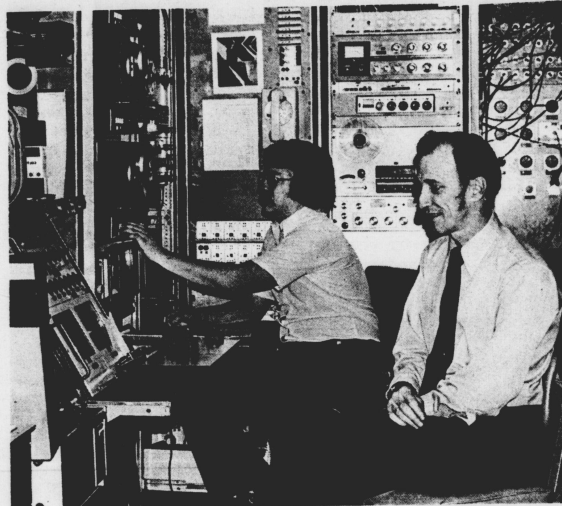
A doctor's first attempt to create a program may lead to a number of technical errors, "but we let him do almost anything," Seward said.

"When we play the program back to him, he will be his worst critic. Usually by the time he (the doctor) has made three tries, he's made a very acceptable, useable tape," Seward said.

In a typical year the Med Center TV division has a \$20,000 equipment budget, Seward said. "We've gone from a high (annual equipment) budget of \$130,000, when we converted to color cameras and equipment, to as low as \$3,000 to \$4,000.

"Switching to color productions really opened up the doors for oral diagnosis, where the color of the skin can be used to determine an illness," Seward said.

Looking to the future, Seward sees



UK Med Center TV technicians Paul Sprester (left) and Tommy Johnson set up a videotape presentation to be used as a teaching aid for medical students.

television as a means for providing continuing education to doctors in rural parts of the state. A doctor who completes work at the Med Center and sets up practice in rural Kentucky may find it difficult to keep up with medical technology advances, and with the development of new drugs, Seward said.

In the past, until about two years ago, the Med Center's TV facilities were connected to the Kentucky Educational Television Network (KET), and that system allowed rural doctors to view some of the changes in medical care that were

taking place, Seward said.

Furthermore, the connected system allowed rural doctors to gain information about diseases peculiar to Kentucky, he said, but that system lost state funding.

According to Bob Klein, KET engineering director, the interconnecting system was receiving up to \$350,000 per year from the state government.

Klein said Monday that Gov. Julian Carroll is expected to suggest a refunding of the closed circuit medical network when he presents his budget to the General Assembly later this week.

New SC transformer fails; power low for 'several days'

The Student Center (SC) will be operating on emergency and reduced power for at least several more days because a new transformer installed Saturday failed to function properly, according to Physical Plant Director Jim Wessels.

"We put it (the new transformer) in and it just didn't sound right to us," Wessels said.

The old transformer was dismantled last Dec. 20 as part of a campus-wide project to increase electrical capacity. The new unit had originally been scheduled for installation Jan. 2, but the manufacturer delayed delivery of the transformer because of a copper shortage, Wessels said.

The Student Center was closed Saturday while the new transformer was installed. It operated for several hours, but was disconnected after it

began making irregular noises. "We just didn't feel comfortable with the sounds," Wessels said.

SC Director Mary Jo Mertens said she has not been confronted with any major problems with the power cut-backs which include reduced heating and ventilation, lighting, elevator service and some kitchen services.

"Basically everybody's been very considerate and we're carrying on as we were before Saturday," Mertens said.

Wessels said the physical plant engineers could not remedy the situation, but manufacturer's representatives are expected in Lexington this week.

"They're due in here Wednesday to look at the transformer and make some recommendations, so we'll just have to sit here and wait," Wessels said.

Jewell asks instructors to enforce smoking ban

By BENITA RILEY
Kernel Staff Writer

Refusal of administrators to enforce a University Senate classroom smoking ban because they feel such a ban is not within the Senate's jurisdiction has led Senate Council Chairman Malcolm Jewell to take measures to enforce the policy himself. The no-smoking policy, passed Dec. 8 last year, left enforcement up to the UK administration. But in a recent interview Jack Blanton, vice president for business affairs, said the senate has no right to pass an academic ruling expecting the administration to enforce it.

Blanton said he questioned whether smoking is an academic affair at all. The senate is empowered to make rulings generally on academic affairs only, according to UK Governing Regulations.

Vice President for Academic Affairs Lewis Cochran said the Senate can make rules on academic offenses, but there is still some question as to whether smoking is an academic offense. Cochran asked the senate what the administration was expected to do about the ban.

So Jewell has attempted to enforce the ban by sending out a memorandum to all faculty members. The memorandum, which was issued Jan. 20, is designed to remind instructors they are required to comply with the rules and regulations of the Senate, which now includes the no-smoking policy.

The memo states the Senate Council believes the no-smoking policy obligations of the faculty can be discharged by taking the following steps in their classes:

- The teacher should not smoke in class;
- At an early meeting of the class, the teacher should announce that the no-smoking policy is in effect in the University; and
- The teacher should remind students of the no-smoking policy if he or she notices smoking in class or if a student complains that smoking is occurring.

Jewell said the Senate had to act because Cochran had asked the Senate "just what the administration was supposed to do" about the smoking ban.

The question of enforcement was then returned to the Senate, he said.



editorials

Letters and Spectrum articles should be addressed to the Editorial Page Editor, Room 114 Journalism Building. They should be typed, double-spaced and signed. Letters should not exceed 250 words and Spectrum articles 750 words.

Editorials do not represent the opinions of the University.

Bruce Wings
Editor-in-Chief

Susan Jones
Editorial Page Editor

Ginny Edwards
Managing Editor

Non-smoking rule needs administrative backing

In October, UK Vice President for Business Affairs and Ombudsman P.S. Sabharwal co-authored a memorandum requesting that students refrain from smoking in classrooms and other public places because of complaints from parents and students. The memorandum understandably had little effect.

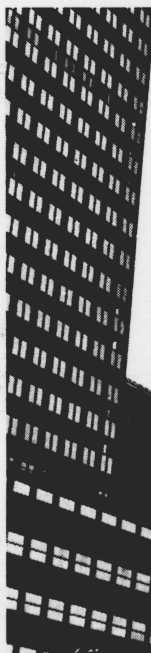
Now that the University Senate has tried to make the request a rule by passing a no smoking policy that leaves enforcement up to administrators, Blanton has essentially refused to enforce the ban.

Blanton claims the senate has no authority to pass such a rule because smoking is not an academic matter. The UK

Governing Regulations generally give the senate the authority to rule only on academic matters.

Blanton's refusal to enforce the policy represents nothing but ducking out of a potentially embarrassing situation. Smoking in classrooms is easily perceived as an academic matter because it could potentially affect the performance of non-smokers.

Whether or not there should be a smoking ban is questionable on many levels. But solving an administrative dilemma by not complying with the senate's request while appearing in favor of the ban on the surface—is unquestionably wrong on every level.



Council, LCC duck South Hill issue

By Terry Willingham

An effort should be made to keep the special meeting of the Urban-County Council and the Lexington Center Corporation (LCC) from becoming a delaying tactic. The purpose of originally attempting to schedule the meeting during the day time (when interested students and working people could not attend), putting the meeting off until the Jan. 28, and then quietly changing the date, room and time could be the council's hope that people will lose interest.

The council does not want to finalize their decision to destroy the South Hill area in a room overflowing with people who protest that destruction. For those who attended the Jan. 15 council meeting, it was obvious that the council was feeling pressure (if not from the 8,000 signatures presented in a petition, then because of the overflowing council room). This pressure should be kept up, and at the Jan. 29 special meeting, people who do not want to see 130 homes destroyed for a 15.8-acre parking lot should demand that another vote be taken. Since this is not a regular meeting, however, pressure will also have to be kept up afterward. The council may seem to be taking another look at South Hill while they know the public is watching, then stick with their original proposal when interest dwindles.

The LCC is supposed to come to this

Buses

Editor:
My first experience on the campus buses was frightening to say the least. But, after one year, I've decided that the persons in charge of this student service should ride these buses and see what problems actually do exist.

The students who are fortunate enough to get standing room on the bus are uncomfortable, but they do stand the chance of making an 8 a.m. class on time. Last week, however, I wasn't even fortunate enough to get standing room. Instead, I stood there in the falling snow while three packed buses drove on by.

The bus drivers are not at fault as far as I'm concerned because they cannot put more people on a bus that is already overflowing.

Thus, if the University is going to provide transportation from this large parking lot to the campus, adequate busing facilities should be provided for all students. This of course would entail the leasing of more buses but, all of the student body would be taken care of.

Donna Lynch
Accounting sophomore

Testing

Editor:
A recent article was written in the Kentucky Kernel ("Testing center expands services to provide additional help for students," Jan. 20) concerning the Counseling and Testing Center here. The article told how "The center deals with college students' daily dilemmas" and any problems that may occur with school, family life, etc.

During September, 1974 —freshman

Letters

year—I was having a problem with a math course I was taking, both in communicating with my teacher and with the course in general. I remembered previously hearing that the Counseling and Testing Center was there to help with any problems, so I made an appointment there with the director.

Upon arriving at the center, I spoke to the director and told her the trouble I was having. Immediately my college entrance scores were pulled out, and after viewing them her advice to me was to drop the course because according to my scores I'd be lucky to be in the class at all. It so happened that I needed that particular math course for my major, so dropping it wasn't too feasible of a solution. Another alternative she suggested was to drop the class and pick it up the following semester and hope for a better teacher. I left the center feeling as though I didn't have a chance in passing the course, and that I didn't belong in school; as I was evaluated in terms of how low my scores were overall.

Regardless of my "good" advice, I stuck with the class and ended up being able to communicate better with my teacher and received some help from him. I came out with a "B" in the class, which proved that I was not only capable of passing the course, but how poor the advice given to me was. Therefore, in regard to the last statement of the article: "we do the kind of work that's good for the personality," I couldn't help but comment that if tearing down a person in relation to their academic ability is called "helping," then I hate to think what this does for ones personality.

Linda Rubenstein
Home economics sophomore

cannot raise taxes unless two-thirds of the voters agree to it. LCC has not explained how they expect to bypass this law, unless Mayor Foster Pettit manages to get the state law changed in Frankfort.

A closer look should be taken at the business interests that will profit from the civic center, some of which are represented on the Urban-County Council. Downtown property owners, such as Pettit, will have their property values doubled. Realtors will benefit when people must move to higher priced homes or apartments. With an even more serious housing shortage, slumlords will continue to do nothing about the condition of their buildings. While Pettit's property values may double, it took pressure to get him and the council to come up with even a minimum rent subsidy program. While the council was supposedly considering a rent subsidy all along, Spring Street residents never saw a penny of it. Major banks, such as First Security and Second National, along with their major stockholders will also profit, as the major stockholders own most of downtown. If the center fails, those who would have profited should pay for it.

The council and LCC wish that everyone would lose interest and go away, but not all of us have. Those who are interested should attend the Jan. 29 meeting, at the Municipal Bldg., 136 Walnut, at 7 p.m.

Terry Willingham is a UK alumna.

Mid-East experts discuss Lebanese internal strife

By JAMIE LUCKE,
Assistant Managing Editor

Despite a Syrian-negotiated cease-fire, prospects for war-torn Lebanon are bleak, two Mid-East experts said last week at a Patterson School of Diplomacy program.

Samir Anabtawi, a Vanderbilt University professor and Lebanese native, said he doubts the current cease-fire will last. "The excesses during the fighting won't help the cease-fire. The slaughter—whether it was real or imagined—will loom large in the minds of the people," he said.

Abdul Rafai, a Berea College professor, said settlement of the Lebanese crisis depends on an overall answer to the Palestine question. "There won't be peace in the Lebanon of the Mid-East until there is a solution to the Palestinian problem."

Emphasizing outside influences in his discussion of the Lebanese crisis, Rafai said Lebanon has always tried to avoid political and foreign conflicts. But social and political upheavals in the Mid-East over the last 20 years have made it impossible for Lebanon to maintain its traditional neutrality, he said.

The increased political commitment of Lebanese Moslems—a product of demands by Arab political parties—aggravated the traditionally conflicting Mid-East loyalties of family, religion and state.

And the "Pan-Arab" orientation advocated by these emerging parties "generated fear" in the Lebanese Christian community, Rafai said. The Christians were afraid of being submerged in an Arab and Moslem society.

The societal "stresses and strains" generated by outside influences became more acute after the 1967 Mid-East War, he said.

The 1973-74 Disengagement Agreement negotiated by Secretary of State Henry Kissinger also worked to the detriment of Lebanon, Rafai said.

By installing United Nations (UN) observers on the Syrian front, the agreement left Lebanon as the only country from which Palestinian commandos could operate. And because the U.N. agreement called for policing the Egyptian and Syrian borders, it also freed Israel to begin pre-emptory air attacks on southern Lebanon, he said. Rafai accused Israel of purposely trying to destroy the Lebanese state since it exem-

plifies sectarian co-existence. He said he thinks Israel was purposely trying to "discredit the model" of religious co-existence.

"It would be in the interest of Israel to see that fraternity (between Christians and Moslems) destroyed—so when Arafat (Yasir Arafat, leader of the Palestinian Liberation Organization) says we want an open co-existent state in Israel the Israelis can point to Lebanon and say it won't work."

Anabtawi, on the other hand, blamed social conditions for the Lebanese crisis.

Differing socialization patterns in the Moslem and Christian communities have perpetuated the traditional religious division, he said. "And the government has never been strong enough to create its own socialization patterns."

The Christian community, more adept at commerce, prospered economically. But surrounded by Moslems in an Arab world, the Lebanese Christians developed a "siege mentality." Rather than turning to Moslem leaders in times of crisis, the Christian leadership "tried not to meddle in Moslem affairs," Anabtawi said.

Oil revenues flowing through Lebanon created inflation, which affected middle-class Moslems most acutely. "The inflation caught middle-class Moslems (who had previously been content with their economic status) and squeezed them downward. When they turned to the Christian-Moslem coalition government (established by the national contract) they found it not only incapable of dealing with their economic problems, the government could not even provide basic service like health and education.

"He (the middle-class Moslem) began to feel terribly frustrated and the political arrangement perpetuated his lowered status."

Palestinian activities in Lebanon and the consequent Israeli retaliation aggravated the domestic situation by forcing southern Lebanese to migrate to Beirut. The refugees swelled the city's population and the government was unable to deal with the unsatisfactory conditions.

"The refugees saw they were poor within a land of plenty. They saw people living the good life while they were being neglected."

The apparent inequity created tension within the political system which the Lebanese government could not cope with, Anabtawi said.

Kernel
classifieds
work!

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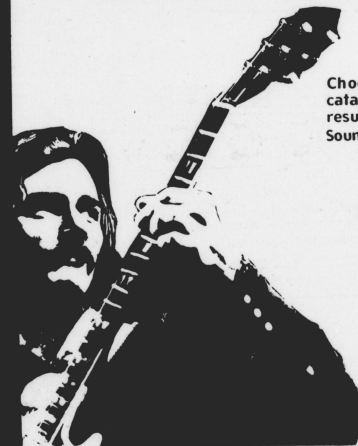
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arts

Piano recital and 'Tim Bays' are on tab musically this week

It must be Tuesday again....at least yesterday felt like Monday when I fell out of bed. Well, with all of the music that went down around here last week I suppose you all expect some sort of wrap up of events.



steve layman

For those who attended the Allman Brothers concert, good music and a good time was had by all. For those who couldn't make it, you can always buy the record, but I think something gets lost in the translation.

The sell-out performance of

"Figaro" on Friday seemed to delight all who attended. I must admit it was nice to be able to follow an opera plot for a change.

I happened by the Fine Arts Building Saturday afternoon just as the performance of the "Black Fairy" finished up and saw a lot of smiling faces heading for home. All in all it was a good week.

For those of you who are into piano, James Bonn will appear in a faculty recital Wednesday at 8:15 p.m. in Memorial Hall. He will present a program that spans almost the entire history of the instrument from one of the earliest works, the Mozart "D major Rondo", to the "grassroots" Copland of the first quarter of this century.

Bonn will also present a rather interesting look at Brahms, the pianist-composer, by playing two contrasting works written in the same key. One is from very early in Brahms' career and the other is almost a direct stepping stone to the Impressionism of Debussy.

In the first half of the program, Bonn will feature a "Fantasie" by Robert Schumann which he considers to be one of the most romantic in the entire piano literature.

For those of you who have never been to a piano recital, this would be a good chance to sample a fine cross section of the literature. For those of you who regularly attend these piano recitals, this one promises to be outstanding.

Speaking of pianists, I have often wondered whether being a tuba player makes me a tubist....Somehow, I don't think so.

Right now, it's time for me to crawl up high on my soapbox and let everyone know that "The Lady" will be in town Monday, Feb. 9. Joni Mitchell, the poet, musician, the person (pardon me if I get carried away), will be live in our very own Memorial Coliseum complete with the L.A. Express. If you have to beg, borrow or steal, do what you must to get a ticket to this concert and get it early. (I already have my seat picked out.)

If this concert goes off as planned the concert committee of the Student Center Board has redeemed itself in my eyes forever.

For those of you who find yourself in dire need of someone to talk to at any odd hour of the day, WKQQ has a "Concert Line" at 259-3398. You might even be able to figure out which of your favorite groups is playing and when and where.

The SCB Coffee House is featuring "Tim Bays," a folk and country rock band, at 8 and 9 p.m. tonight in the Grille.

Other than that, it's going to be a slow week—the kind where you lock yourself in your room with a stack of Frank Zappa albums and your textbooks and try to catch up on the business at hand—school! I'll leave you this time with the thought "Wherever you go in life, that's where you are."

arts line

257-3155

Steve Layman is a graduate student in music education. His column will appear on Tuesdays.

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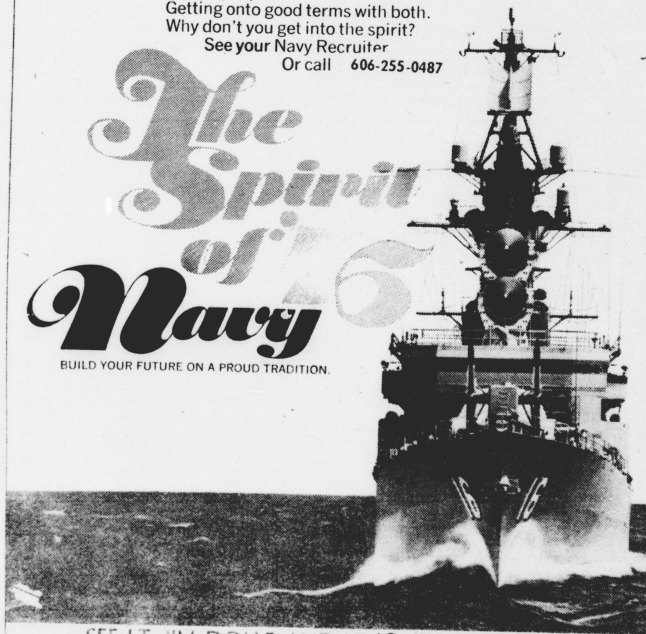
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sports

Scrappy Auburn keeps fighting back, topples Wildcats 91-84 in overtime

(Portions of this story were taken from the University of Kentucky broadcast network from station WKJK with permission of Jim Host of Associates, Inc., Lexington, Ky.)

The Auburn War Eagles came from behind Monday night to score a 91-84 overtime victory over the Kentucky Wildcats at Auburn, Ala.

Led by hot shooting guard Eddie Johnson, who tallied nine points in the overtime, Auburn outscored Kentucky 13-6 after the score was tied 78-78 at the end of regulation play.

The Wildcats had led by as many as 14 points late in the first half and had a nine point lead at one point in the second half, but the home team consistently came back.

Auburn first tied the game at 35-35 with 11:53 left in the second half when sophomore forward Mike Mitchell scored after a Kentucky turnover.

After a series of missed shots and turnovers by both teams, Mitchell put the War Eagles ahead 57-55 and then sank three successive free throws after Kentucky's James Lee had scored, making the score 60-57.

Auburn took a 62-57 lead before a UK surge which saw Rick Robey sink two free throws to give the Cats a 63-62 lead.

But once again, Auburn did not

give up and after a series of exchanged shots, Mitchell tallied two freebies to move the War Eagles in front, 66-65.

The two teams exchanged buckets until Auburn took a 76-73 lead, when center Myles Patrick scored with 2:21 left in regulation play.

Robey then tied the score with a three-point play, and his two free throws with 59 seconds left offset a Stan Pietkiewicz bucket.

It was after Robey's free throws tied the game at 78-78 that the War Eagles went into a stall. Auburn worked the ball around for the last shot, calling a timeout with nine seconds left. But the tactic failed as Myles Patrick missed a last second jumper and the game went into a five minute overtime.

The two teams continued trading baskets until Auburn, behind Eddie Johnson's deadeye shooting, took an 86-80 advantage. The closest the Cats could come for the remainder of the game was 89-84, when sophomore forward Jack Givens popped in two of his team-high 22 points.

Fouls proved disastrous for the Wildcats as Robey, James Lee, Reggie Warford and Larry Johnson fouled out of the game, forcing UK coach Joe Hall to use all 10 Kentucky players who made the road trip south. A total

of 33 fouls were whistled against the Cats. Auburn picked up 22 fouls.

Auburn freshman Cedrick Hordges, who was the only War Eagle to leave the game on fouls, picked up three early personals, but Kentucky was able to capitalize on only one free throw during the first nine minutes of action.

Kentucky took an early lead in the first half, running the score to 29-15 behind an even scoring attack from all five starters.

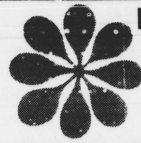
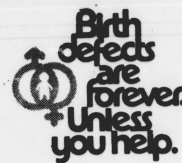
But Auburn was not to be outdone as Mitchell and Pietkiewicz sparked a brief rally. The home team pulled to within two at 36-34 on two free throws by Hordges.

Two free throws by sophomore center Mike Phillips and successive buckets by Warford and Lee gave Kentucky a 42-34 halftime lead.

Auburn shot 49 per cent from the game while Kentucky registered 32 per cent from the field.

Lee and Warford followed Givens in the Kentucky scoring column with 16 apiece and Robey added 11.

Kentucky, with an 8-7 overall record and a 3-4 Southeastern Conference mark, returns home for two games against Mississippi on Saturday and Louisiana State University on Monday.



Note!

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Senate Transmittal continued from page 8

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Curriculum Leading to the Degree of Bachelor of Science in Metallurgical Engineering

Freshman Year		First Semester		Second Semester	
	Crs.		Crs.		Crs.
MET 001 The Engineering Profession	0	CHE 301 Physical Chemistry	3	ENG 102 Freshman Composition ●	3
ENG 101 Freshman Composition ●	3	EE 305 Elec. Circ. and Machinery	3	MA 114 Calculus II	4
MA 113 Calculus I	4	EM 221 Elects.	3	CHE 111 General College Chemistry II	4
CHE 110 General College Chemistry I	3	General Studies ●●	3	CHE 115 General Chemistry Lab	3
General Studies ●●	3	MET 341 Struct. and Props of Alloys I	3	PHY 231 General University Physics	3
General Studies ●●	3	MET 301 MET Lab I	2	PHY 241 General University Physics Lab	2
	16		17		16
Sophomore Year		First Semester		Second Semester	
	Crs.		Crs.		Crs.
MET 003 The Engineering Profession	0	MET 412 Electronic Properties of Materials	3	MA 214 Calculus IV	3
MA 213 Calculus III	4	MET 535 Mechanical Metallurgy	3	CAE 220 Engineering Thermodynamics	3
PHY 232 General University Physics	3	MET 304 MET Lab III	2	ECO 261 Principles of Economics	3
PHY 242 General University Physics Lab	2	MET Elective	3	CHE 236 Organic Chemistry	4
ECO 260 Principles of Economics	3	Technical Elective	3	MET 201 Materials Science	3
ME 105 Basic Engineering Graphics	2	Supportive Elective ●●●	3		16
CS 221 First Course in Computer Science for Engineers	2		17		
	16				
Senior Year		First Semester		Second Semester	
	Crs.		Crs.		Crs.
MET 003 The Engineering Profession	0	MET 412 Electronic Properties of Materials	3	MET 314 MET Analysis	2
MA 213 Calculus III	4	MET 535 Mechanical Metallurgy	3	MET 538 Deformation Processing	3
PHY 232 General University Physics	3	MET 304 MET Lab III	2	General Studies ●●	3
PHY 242 General University Physics Lab	2	MET Elective	3	MET Elective	3
ECO 260 Principles of Economics	3	Technical Elective	3	Technical Elective	3
ME 105 Basic Engineering Graphics	2	Supportive Elective ●●●	3	Supportive Elective ●●●	3
CS 221 First Course in Computer Science for Engineers	2		17		17
	16				

● The University English requirement can be satisfied in several ways - see UK Bulletin, Academic Policies and Course Descriptions.
● Selected from General Studies areas IV-VIII in consultation with your academic advisor.

●●● Supportive electives are any University courses, excluding more elementary versions of required courses such as pre-calculus math or physics 211.

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Times: 2:15 4:30 7:00 9:30

Wrestlers clobber Cleveland State; NCAA rules Jimmy Carr ineligible

By STEVE ARNETT
 Kernel Staff Writer
 The University of Kentucky wrestlers won their fourth straight match Saturday night by defeating nationally ranked Cleveland State 28-10.

Head coach Fletcher Carr's Cats dominated CSU from the beginning with the Wildcats winning four of the first five bouts.

Kentucky was once again led by All-American Joe Carr, who won by a fall in the 177 lb weight class. Mark Randolph (126) also had a pin for UK. Other Kentucky winners were Garrett Headley (118), Kurt Mock (134), Scott Crowell (150), Kelly Korth (167) and Harold Smith (hwt.), all winning by decision.

One of the most exciting matches of the evening ended in defeat for one of the Wildcats. Tim Mousetis (142) dropped an 8-6 decision to three time All-American Tony Digiovanni.

The Wildcats will be in Chattanooga tonight to take on the University of Tennessee-Chattanooga. Then Wednesday night the Cats will open their SEC schedule when they visit the University of Tennessee at Knoxville.

Chattanooga is currently ranked fourth in the NCAA Division II ratings. The Tennessee school is 9-0-1, and has defeated Southeastern Conference teams Alabama (by 26-14) and Georgia (31-9).

"We have a slim chance of beating them," Fletcher Carr said. "This one will go right down to the wire." Carr said he thinks the meet will be decided by a single match, probably the 134 lb. division, which would pit UK's Kurt Mock against Chattanooga's Jim Kalvage, who is one of the top wrestlers in the nation.

In a ruling reached last night, the NCAA declared Kentucky's All-American sophomore wrestler Jimmy Carr ineligible for the rest of this year. The ruling stemmed from an NCAA inquiry into Carr's high school transcripts.

When Carr transferred from East High School, in Pennsylvania, to Woodford County High School, in Kentucky, two high school grades from East High were somehow lost.

"The two grades were either not legible on the transcript or they weren't recorded at all," said coach Fletcher Carr. Jimmy's brother, "This wasn't Jimmy's fault, it was somebody

at East High School." Without these two grades, Carr's high school grade point average was 2.10. With these two grades, his average was 1.98, therefore making him ineligible to participate in college athletics for one year.

When a high school athlete's G.P.A. is below 2.0, he is then declared by the NCAA ineligible for his freshman year in college. After this time, if his college G.P.A. is above 2.0, he is then eligible to participate.

Carr wrestled his freshman year at UK, but at that time it was unknown that he was ineligible. Therefore, he will not be penalized for last year's ac-

tivities. He will be ineligible until the spring semester of 1977, providing his G.P.A. is above 2.0.

"The most important thing is that this will definitely hurt Jimmy's chances for the Olympics," said coach Carr. "He'll be out of action and will lose a lot of experience. And we are definitely hurting without him. I can appeal the decision but the committee doesn't meet again until April and if they didn't give me an emergency appeal, it would still be too late for Jimmy to wrestle this year with us. So what can I do?"

Jimmy Carr was not available for comment.



Goose for two

Jack Givens, shown here driving for a layup against the Georgia Bulldogs, scored 22 points against Auburn last night. It wasn't enough, however, as the Cats tumbled in overtime 91-81.

Got a hot sports item?
Call Kernel Sports Line
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classifieds

FOR SALE

1969 PONTIAC LEManS Customs Convertible 2 dr. white/blue interior. Automatic transmission 3000 actual miles \$850. 272-371. 2/2/76

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FOR RENT

3 BDRM 2 bath house, Ky Ave. UKMC Box 269 or 255-8227. 20/28

GRAD STUDENT or professional to share large completely furnished two bedroom apt. for six months. 277-2553 or 253-2406. 20/27

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APARTMENT, UPSTAIRS nice windows, carpeted. \$150.00 per month. 321 S. Ashland. 269-3012. 23/28

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HELP WANTED

INTERNATIONAL STUDENT, preferably African, linguistic informant for class. Will pay. Call 258-4401. 22/28

ADVERTISING SALESPERSONS for local women's magazine. Experience preferred. Call 266-8078 after six. 22/29

THE VANDERBILT UNIVERSITY Center for Health Services is soliciting applicants for the position of Student Co-Director. The position entails full-time work with community and student groups on economic, political, and social issues in the South for one year. Undergraduate, recent graduates, graduate and professional students are invited to apply. For further information contact the Center for Health Services, Vanderbilt University, Station 17, Nashville, Tennessee 37222. (615) 322-0799. All applications should include experience in community organizing and list three references. Applications are due by February 16, 1976.

SALES PEOPLE. Part time, apply in person, sales experience preferred. Advancement opportunity. Playback, Fayette Mall. 26/27

ESTABLISHED ROCK BAND needs lead guitarist call (502) 839-7979 after 6 p.m. 27/30

THOROUGHBRED HORSE FARM wants part time student help call 873-8410 evenings. 27/30

WANTED

ROOMMATE to share 2 Bdrm furnished apt. Gardendale. \$83 plus utilities 2787-3197

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WANTED SHARE RIDE from Richmond to U.K. Thursday evenings. Call collect 623-9581. 23/30

ROOMMATE NEEDED IMMEDIATELY for two bedroom apartment. Call 254-0246. 23/27

ROOMMATE WANTED APT. close to campus low rent. Inquire 103 apt. no. 3 Hagerman Court 811 a.m.

ROOMMATE TO SHARE 2 bedroom apt. with 2 girls \$60 252-4104. 27/30

ROOMMATE - 1 BEDROOM furnished apt. \$85 includes utilities call 278-7591 after 9 p.m. 27/30

LOST

LOST IN U.K. AREA (transy park). German Shepard puppy long hair. 5 months old answers to Elisha. Reward. 252-1690. 23/27

LOST: LADIES GRUEN WRIST-WATCH flexible silver band please call 257-3007. REWARD. 26/28

LOST: BROWN & RED knitted hat in vicinity of Lexington Ave. and Euclid. Call 277-8260 or bring to Anthropology Dept REWARD. 27/27

LOST SINCE DEC. 18 "Brandy" male Golden Retriever (N.J. tags). If seen please call 258-8414. 27/30

BLACK LEATHER MOTORCYCLE GLOVES in Commerce Building Friday morning call Bo 258-8436. 27/28

WOMAN'S GOLD WATCH with mesh band. Great sentimental value. Call Judy. 297-1450. 26/27

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ABORTION: free literature and information. Know the facts. Contact Right to Life of Central Kentucky, 111 East Short St., 252-3721. 14/30

TAX REFUNDS. Take W2's to J. Slivers 431 South Broadway 1:30 to 9 pm. 20/30

ARE ALL THE PAINTERS in Lexington over 55? Not Dennis Leevald 253-0901. 23/27

WILL BABYSIT on weekends. Have references. Call Marjorie Rosado 846-4424. 23/27

TAX RETURNS, prompt. Accurate, confidential. Low rates free pick up and delivery 266-3264. 21/30

MATH TUTORING by math student in 113, 114, 213, 214, phone 252-7345. 26/30

SPEED READING: triple your reading rate. Results guaranteed. Student Rates Learning Foundations, 462 E. High St. 254-5558. 27/11

FREE CHILD CARE: Sat. Jan. 31 from 10:15 Mini Skool Reservations 278-9374. 27/27

LEARN ITALIAN by Italian student you'll love it call 272-4038. 27/30

WILL BABYSIT DURING WEEK. Responsible and dependable; have references. Call Joyce 278-9689. 27/29

FOUND

FOUND BLACK LENS CAP in front of Chem Phys bldg. Call 266-5932. 27/28

MISC.

CALVARY KIDDIE CORRAL Day-Care, located 4 blocks from U.K., most reasonable rates. Call 266-1201. 26/30

NOW OPEN: Lawson Gardner engraving, Imperial Plaza. Keys gifts engraving. Name tags. Phone 254-5290. 15/28

NEED HELP MOVING? Pick up truck, reasonable rates. Steve Clapp 257-3593 have number. 23/29

BLUEGRASS MUSIC LOVERS UNITE! New club forming. Call today for information. 269-1780. 27/30

SENIORS! DON'T FORGET to have your yearbook picture made (free). Something your mother will love. Call 298-8801 for appointment. 22/31



NEEDS SEVERAL PERSONS TO FILL PART-TIME POSITIONS FLEXIBLE HOURS SEE DAVE PATON BETWEEN 2-4 DAILY

NOTICE OF PUBLIC SALE UNIVERSITY OF KENTUCKY

Date: January 28 and 29, 1976
Time: 8:30 a.m. to 4:00 p.m.
Location: 470 South Broadway
Items: sofas - limit 4 per customer pre-marked.

memos

SIERRA CLUB MEETING: Monday, January 26, 7:30 p.m. Christ Episcopal Church. Presentations by representatives from Kentucky Department of Fish and Wildlife Resources and Kentucky Sportsman.

BLUE JEAN CELEBRATION - at the Baptist Student Union on South Limestone. Dinner, speakers, singing, Juvenile. Every Sunday evening at 5:00. All welcome!

LUNCHENCOUNTER - food and fellowship at the Baptist Student Union, next to Jerry's on South Limestone. Every Friday at noon.

FREE PUBLIC LECTURE on the Transcendental Meditation Program on Tuesday, Jan. 27 at 7:30 p.m. in CB 106. 26/27

CONTINUING EDUCATION FOR WOMEN Reception, Thursday, January 29, Student Center, Presidents Room, 7:30 8:30 p.m. 26/28

THE LEXINGTON FRIENDS Meeting (Quakers) holds meetings for worship every Sunday at 4 p.m. at the Faith Lutheran Church, 1000 E. High St. Everyone is welcome.

GROUP FOR FEWLY SINGLED WOMEN. Will meet Thursdays 7:9 p.m. If interested, call U.K. Counseling Center 258-8701.

FILM: THE LOUVRE, Tuesday, January 27, Student Center Room 206, 3:00 p.m. No admission charge.

IEEE MEETING: Tues, Jan. 27, in AH 257. Discussion of this semester's activities.

PHI BETA LAMBDA will hold its next meeting Tuesday, January 27, 1976 in TEB 240. All interested business students and members are urged to attend.

AUDITIONS: TROUPERS, U.K.'S student entertainment group. Tues, Jan 27, and Tues, Feb 3 at Seaton Center rm 207 at 8:00. For information call 252-1145. Bring ad.

FREE U COORD BODY - meeting Weds. at 7 pm in rm 117 SC. We'll be picking a picture for catalogue. Anyone's welcome to bring photos. 27/28

FOLK DANCING - every Tues. night at 7:30 in women's gym. Everybody welcome. All dances are taught.

CAMPUS CRUSADE FOR CHRISTIANS invites you to the "Salt Company", Friday nite 8 to 10 in the Complex Commons Library - see Josh McDowell previews.

SELF-DEFENSE FOR WOMEN. Korean Karate lessons. Free trial period. UK faculty, staff, students. No experience necessary. Men welcome too. Call 259-3431 Ext. 649.

AMERICAN MARKETING ASSN. important organizational meeting. Wed, Jan 27, 30, CB 106. New members welcome!

WHO IS JESUS CHRIST? Daily and resurrection Bible study every Tuesday evening at 6:30. Baptist Student Center, next to Jerry's on South Limestone.

NORMAL: A SHORT MEETING on Thurs, Jan 29 at 7:30 p.m. rm 119 SC. Plans for T shirt sale will be discussed. 27/29

SECOND 48 HOUR DANCE Marathon is coming! April 5&6 in the Complex. Fantastic prizes cash too! Watch for details.

A SMALL GROUP BIBLE study sponsored by Inter Varsity Christian Fellowship will meet Tues, Jan. 27 at 7 p.m. in 111 SC. Everyone welcome!

GASPEERS, GROUP AGAINST SMOKERS' pollution will meet Jan. 28, 7:30 p.m. SC 113 to work for a law against smoking on Lexington buses. A film on emphysema will be shown. 27/28

DEPARTMENT OF ANTHROPOLOGY announces public lecture by Dr. Anthony Thomas, "Program for Integration of Indigenous and Modern Medical System" Wednesday, January 28, 1976 7:30 p.m. Classroom Bldg. 114. 27/28

ENVIRONMENTAL ACTION SOCIETY will meet Wednesday, January 29 at 7:30 p.m. in the SC room 115. Everyone welcome!

KENTUCKY Kernel Classified Ad Form

Spring Rates for Classified Advertising are One Day, 12 Words, only 50 cents. Additional words over 12 are 10 cents extra per word, per day. Deadline for classifieds is 11:00 a.m. the day before you want your ad to run. Please Print your classified here:

Additional Words: _____

Make your check payable to The Kernel Press, Inc. Mail it with this form or bring it by our office, Rm. 210, Journalism Bldg. Payment must be included with ad.

Number of days to be run: _____
Heading (Wanted, For Sale, etc.): _____
Your Name: _____
Your Address: _____
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University Senate Council

Program Course actions, Effective:
 Fall, 1976 UNLESS OTHERWISE NOTED. January 15, 1976

The Senate Council Circulates for your approval the following curricular actions listed below. Objections will be accepted from University Senators and faculty members and must be received

within ten days of receipt of this notice to the appropriate Council Designated below. All other requirements for offering the courses or programs as approved must be met.

ACADEMIC COUNCIL FOR THE MEDICAL CENTER: COLLEGE OF DENTISTRY

Division of Dental Auxiliary Personnel:

New Course:
 CDS 814 Introduction to Preventive Dentistry (1)
 This introductory course is required of first-year dental students. It presents the basic concepts of the control of dental disease and the maintenance of oral health. Five hours clinic and 19 hours lecture discussion. Prereq: Admission to the College of Dentistry or consent of course director.

Department of Oral Biology:

New Courses:
 OBI 810 Cell Biology for Dental Students (3)
 The study of the cell as the basic unit of biological structure and function is specifically tailored for dental students. An analysis of prokaryotic and eukaryotic cell theory, including nutrition, growth, and division provides the basis for understanding normal and pathologic human physiology in subsequent courses. Microbiology and infectious disease are integrated to illustrate design and implementation of a practical program of dental operator disinfection and sterilization. Instructional methods may include self instruction, formal lectures, and/or discussion periods. Four hours lecture discussion per week plus self instruction. Prereq: Admission to the College of Dentistry or consent of the course director.

OBI 812 The Chemical Basis of Life (3)
 This is an introductory course in biochemistry and nutrition. The topics include the descriptive chemistry of carbohydrates, lipids, proteins, and nucleic acids; the nature of enzyme action; acid-base balance, caloric value of nutrients, and water and fat soluble vitamins. Special emphasis is given to the topics of connective tissue, fluoride, dental caries and the biochemical principles of drug action. Instructional methods may include self instruction, formal lectures, and/or discussion periods. Four hours lecture discussion per week plus self instruction. Prereq: Enrollment in the College of Dentistry and successful completion of OBI 810 or consent of the course director.

OBI 814 Cell Function (3)
 This course provides the student with a basic understanding of the intermediary metabolism of prokaryotic and eukaryotic cells.

The relationships between anabolic and catabolic pathways will be stressed as well as the cellular regulatory mechanisms operative within and between these diverse metabolic processes. Specific areas of study include nucleic acid and protein synthesis; metabolic control mechanisms; carbohydrate, lipid and amino acid metabolism; and bioenergetics. The information presented in this course will be related to current concepts of oral disease and its prevention. Instructional methods may include self instruction, formal lectures, and/or discussion periods. Four hours lecture discussion per week plus self instruction. Prereq: Enrollment in the College of Dentistry and successful completion of OBI 812 or consent of the course director.

OBI 816 The Physiology and Pharmacology of Mammalian Systems I (3)
 This course presents the basic principles of drug action with respect to absorption, distribution, metabolism and excretion. The pharmacology of local anesthetic agents and antibiotic therapy are presented. As an introduction to the organ systems, the physiological aspects of the following specialized tissues are discussed: conducting and contractile tissues, connective tissue, lining and secretory tissues, and other specialized tissues. Instructional methods may include self instruction, formal lectures, and/or discussion periods. Four hours of lecture discussion per week plus self instruction. Prereq: Enrollment in the College of Dentistry and successful completion of OBI 814, or consent of the course director.

OBI 820 The Physiology and Pharmacology of Mammalian Systems II (4)
 The course provides the student with a comprehensive understanding of the physiology and pharmacology of mammalian nervous, cardiovascular and respiratory systems. Emphasis is placed on those aspects of the subject particularly relevant to the practice of dentistry, i.e., pain control, reflex pathways in the nervous system, the autonomic nervous system, and respiratory and cardiovascular mechanics. Special emphasis is also given to the classes of therapeutic agents which act on these systems. These include analgesics, sedatives and hypnotics, autonomic nervous system drugs, anesthetics, psychotropics, and the drugs used to treat respiratory and cardiovascular

disorders. The interaction of basic physiology and pharmacology with clinical science is stressed throughout the course. Instructional methods may include self instruction, formal lectures, and/or discussion periods. Four hours of lecture discussion per week plus self instruction. Prereq: Enrollment in the College of Dentistry and successful completion of OBI 816, or consent of the course director.

OBI 822 The Physiology and Pharmacology of Mammalian Systems III (3)
 This course provides the student with a comprehensive understanding of the physiology and pharmacology of mammalian endocrine, reproductive, renal and gastrointestinal systems. Emphasis is placed on those aspects of the subject particularly relevant to the practice of dentistry, i.e., endocrine and genetic diseases, calcium metabolism, temperature regulation, metabolism, and the effects of stress on physiological processes. Special emphasis is also given to the classes of therapeutic agents which act on these systems. These include hormones, diuretic agents, and agents affecting the GI tract. The interaction of basic physiology and pharmacology with clinical science is stressed throughout the course. Instructional methods may include self instruction, formal lectures, and/or discussion periods. Four hours lecture discussion per week plus self instruction. Prereq: Enrollment in the College of Dentistry and successful completion of OBI 820 or consent of the course director.

OBI 820 Dental Therapeutics (3)
 This course provides the student with a basic understanding of the mode of action of drugs, with emphasis on their therapeutic use in disease states. Consideration is given to drug prescribing and the pharmacologic management of patients with oral disease and systemic disease. The possible interaction of concurrent medication, emergency dental drugs and drug abuse are included. Instructional method is participation in seminar course. Four hours lecture discussion per week plus self instruction. Prereq: Enrollment in the College of Dentistry and successful completion of OBI 822, or consent of the course director.

Department of Oral Surgery:

New Courses:
 OSG 831 Oral Surgery Hospital Rotation I (2)
 This course is designed to introduce dental students to the treatment of patients in a hospital environment and to provide them with meaningful experience in outpatient oral surgery. The student serves a full time rotation on the oral surgery hospital service, including standing in hospital night call with the oral surgery house staff. The student participates in patient care and receives instruction in writing hospital orders, ordering laboratory tests, and managing hospitalized patients. Students on rotation will be responsible for full understanding of the current oral surgery inpatients. The student also carries out oral surgical procedures such as exodontia and biopsy. Oral surgical management of comprehensive care patients is also included in this course. Two weeks clinical rotation. Prereq: CDS 821 and OSG 820 or consent of course director.

OSG 841 Oral Surgery Hospital Rotation II (2)
 This course follows the format of OSG 831, but a higher level of performance is expected. It includes another full time rotation on the oral surgery hospital service, with further experience in performing oral surgical procedures. Oral surgical management of comprehensive care patients is also included in this course. Two week clinical rotation. Prereq: OSG 831 or consent of course director.

Department of Orthodontics:

New Courses:
 ORT 822 Advanced Child and Adult Orthodontics (1)
 This course is designed to develop the cognitive and clinical skills necessary to manage preventive and adjunctive orthodontic problems. Emphasized are the methods for evaluating occlusal problems and identifying those conditions treatable by the general dental practitioner. Laboratory procedures provide the technical skills for appliance fabrication and activation. Lecture discussion hours: 18; laboratory hours: 12. Prereq: ORT 820 or permission of the course director.

ORT 831 Clinical Orthodontics I (1)
 In this clinical course the dental student must provide orthodontic therapy to those assigned patients who require minor tooth movements judged to be within the capability of the general dental practitioner. The student has the opportunity to apply the principles of diagnostic data collection and analysis, diagnostic and treatment planning procedures, appliance fabrication and orthodontic

treatment. Forty four hours clinic and laboratory. Prereq: ORT 822 or permission of the course director.

Department of Pedodontics:

New Courses:
 PDO 820 Basic Children's Dentistry (1)
 A combined lecture, programmed, seminar, technique course designed to introduce basic modern concepts in dentistry for children. Emphasis is placed on principles of child management and basic restorative dentistry techniques. Lecture programmed instruction—total course time 25 hours. Prereq: CDS 815 or consent of course director.

PDO 821 Basic Clinical Children's Dentistry (1)
 A basic clinical course designed to teach management of the normal child with minimal dental treatment needs in a clinic environment and using current techniques. Forty five hours clinic. Prereq: PDO 820 or consent of course director.

PDO 830 Intermediate Children's Dentistry (1)
 In this course in dentistry for children emphasis will be placed on the principles of oral surgical procedures for children, advanced restorative techniques and the diagnosis and treatment of traumatic injuries to children's teeth. Programmed instruction—total course time 11 hours. Prereq: PDO 821 or consent of course director.

PDO 831 Intermediate Clinical Children's Dentistry (2)
 An intermediate clinical course designed to teach comprehensive dental treatment for the child patient. Seventy five hours clinic. Prereq: PDO 830 or consent of course director.

Department of Prosthodontics:

New Courses:

PRO 820 Preclinical Complete Denture Prosthodontics (3)
 A preclinical lecture and laboratory course which introduces the student to the basic concepts of diagnosis and treatment planning, fabrication, placement and maintenance of complete dentures. This course presents the related biological and mechanical factors that must be incorporated for living tissue to be compatible with complete dentures. The actual methods used to construct complete dentures are presented and certain laboratory phases of the construction of complete maxillary and mandibular dentures are performed by the student in a simulated situation. Forty lecture discussion hours; 72 laboratory hours. Prereq: ANA 530, 534; CDS 818.

PRO 821 Clinical Complete Denture Prosthodontics (2)

The treatment of a patient with complete maxillary and mandibular denture needs is performed in the clinic by the student. The student will assist an upper level student in the examination of a complete denture and a removable partial denture recall patient. Seventy five hours clinic. Coreq: PRO 820.

PRO 822 Preclinical Removable Partial Denture Prosthodontics (3)

An introductory course in the basic fundamentals of removable partial denture fabrication for the general dentist. The course emphasizes the associated biologic and technical procedures in a removable partial denture service. Special attention is devoted to diagnosis and treatment planning for the partial denture patient. Biomechanical principles involved in the design of component parts of the partial denture are examined from the standpoint of their relationship to the entire prosthesis. The student is introduced to the dental cast surveyor and its several uses and ultimately designs removable partial dentures for several selected situations in the laboratory. Forty lecture discussion hours; 48 laboratory hours. Prereq: PRO 820.

PRO 830 Advanced Removable Prosthodontics (2)

A lecture course which introduces the student to advanced clinical and laboratory procedures involved in complete and removable partial denture treatment situations such as the immediate denture, relining of dentures, and dentures and denture repairs. Twenty eight lecture discussion hours; 36 laboratory hours. Prereq: PRO 822.

PRO 831 Clinical Removable Prosthodontics (3)

A patient with complete denture needs is treated by the student clinically in the course. The student may opt to treat a patient with immediate, intermediate or overdenture needs. He may initiate and or complete the treatment of a patient with removable partial denture needs. The student will recall two removable prosthodontics patients and perform any treatment necessary for these patients. Ninety hours clinic. Prereq: PRO 821; Coreq: PRO 830.

Department of Restorative Dentistry:

New Courses:
 RSD 831 Clinical Restorative Dentistry II (4)
 A continuation of RSD 821 as well as some clinical application of principles taught in RSD 820. The emphasis continues to be on the delivery of primary care type treatment with increasing competency and proficiency. Some emphasis is directed toward elementary experiences in rehabilitative type treatment procedures and occlusal dysfunctions. One hundred twenty hours clinic. Prereq: RSD 820 and RSD 821; Coreq: RSD 830.

RSD 841 Clinical Restorative Dentistry III (5)

As the final in the undergraduate clinical continuum, this course continues to emphasize primary care concepts and proficiency. In addition, more com-

plexed rehabilitative type care and occlusal dysfunction problems are encountered by the student under faculty supervision. One hundred sixty five hours clinic. Prereq: RSD 830 and RSD 831.

UNDERGRADUATE COUNCIL: COLLEGE OF ENGINEERING:

Department of Chemical Engineering: Bachelor of Curriculum leading to the Degree of Bachelor of Science in Chemical Engineering

Curriculum Leading to the Degree of Bachelor of Science in Chemical Engineering

Freshman Year

First Semester	Crs.
CME 001 The Engineering Profession	0
CHE 110 General College Chemistry I	3
ENG 101 Freshman Composition	3
MA 113 Calculus	4
General Studies	3
General Studies	3
Second Semester	16
CME 002 The Engineering Profession	0
CHE 112 General College Chemistry II	3
CHE 115 General Chemistry Lab	3
ENG 102 Freshman Composition	3
MA 114 Calculus II	4
General Studies	3
General Studies	4

Sophomore Year

First Semester	Crs.
CME 200 Process Principles	3
CHE 230 Organic Chemistry	3
MA 213 Calculus III	4
PHY 231 General Univ. Physics	3
PHY 241 General Univ. Physics Lab	2
Second Semester	15
CME 200 Engr. Thermodynamics	3
CHE 231 Organic Chemistry Lab	1
CHE 232 Organic Chemistry	3
EM 221 Statics	3
MA 214 Calculus IV	3
PHY 232 General Univ. Physics	3
PHY 232 General Univ. Physics	3

Junior Year

First Semester	Crs.
CME 412 Stage Mass Trans. proc.	2
CME 462 Process Control	3
CHE 440 Physical Chemistry	3
CS 221 First Course in Computer Science for Engineers	2
ME 330 Fluid Mechanics	3
Supportive Elective	3
Second Semester	17
CME 006 The Engineering Profession	0
CME 422 Rate Mass Transfer Proc.	2
CHE 441 Physical Chemistry Lab	3
ME 325 Elements of Heat Transfer	3
MET 201 Materials Science	3
Supportive Elective	3
General Studies	3
General Studies	3

Senior Year

First Semester	Crs.
CME 007 The Engineering Profession	0
CME 430 Advanced Problems in Chem. Engineering	2
CME 431 Chemical Engineering Lab I	1
CME 455 Chem. Eng. Proc. Design I	2
CME 550 Chemical Reactor Design	3
CME 570 Chemical Separation and Measure for Chem. Engrs. Elective (Mathematics)	3
General Studies	3
General Studies	3
Second Semester	17
CME 008 The Engineering Profession	0
CME 432 Chemical Engr. Lab II	3
CME 456 Chem. Eng. Proc. Design II	2
EE 305 Electrical Circ. & Mach. Elective (CME)	3
Supportive Elective	3
General Studies	3
General Studies	3

- Select from General Studies areas IV, V, VI, VII or VIII in consultation with academic advisor.
- Supportive Electives are any University courses, excluding more elementary versions of required courses, such as pre-calculus math or PHY 211.
- The University English requirement can be satisfied in several ways — see General Catalogue.

Remainder of this transmittal is continued on page 5 of today's Kernel.