

Technician

North Carolina State University's Student Newspaper Since 1920

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By ABC/No Credit

Grade transfers affected

Editor's Note: This is the final segment of a two part series dealing with the results and effects the ABC/No Credit grading system has had at an institution where it has been in use, the University of South Carolina. Today's report concerns the effect the system has had on graduate school admission and transferring.

At the University of South Carolina, the No Credit grade is officially non-prejudicial. But when it comes to gaining admission to various USC graduate schools, theory and reality part ways as far as the NC is concerned.

The reality is this: many of the graduate schools at USC look upon the NC as an F and compute their own grade point ratio by averaging in a quality point value of zero for every NC that appears on the student's transcript.

Dr. Nicholas P. Mitchell, registrar of USC, said, "We don't look upon the NC as a prejudicial grade, but it does mean that the student has failed in some way to complete the course. Many schools see an F instead of an NC, however."

One of several USC graduate schools that looks upon NC's as F's is that of chemistry. Director of Chemistry Graduate Studies Dr. Peyton Teague said students who apply with NC's on their record find it more difficult to gain admission.

"We equate an NC with an F," Teague flatly stated. "We do not use the NC but recalculate the GPR with a zero in the NC's place."

Another graduate school that counts the NC as an F when considering an applicant is Engineering. Dean of the Engineering Graduate School Dr. John Waugh said, "We count NC's as F's. We compute our own GPR substituting an F for the NC."

Dr. George Reeves, head of graduate studies at USC, said the interpretation of the value of an NC is entirely a departmental matter.

Explaining that there is no general policy for NC's as they apply to admission to graduate school, Reeves said he has "...no strong feeling about the NC system," and added, "The C itself is a doubtful grade and the D is unacceptable. The NC is rather convenient."

Reeves went on to say he would prefer a return to the traditional ABCD/F grading system because it makes it easier for the school to determine the standing of an applicant.

Most of the other graduate studies directors said they too would prefer a

return to the traditional system due to the fact that it lends itself to more direct evaluation of the student.

All agreed, however, that the more complete picture presented by the students overall record is of superior importance to the presence of one or more NC's on the transcript, relative to the graduate school admissions.

In regard to transferring to another school, students who have received NC's find that the ABC/No Credit system is a hindrance.

According to a report delivered to the American Association of Registrars last year, "Students attempting to transfer non-credit grades are treated for the most part as second class citizens, or they are only recognized when all other applicants have been processed."

The report went on to say "Apparently we just don't know what to do with these students. Some institutions are making an

effort to treat them equitably and concurrently with all other applicants." Different institutions expressed varied opinions about the ABC/No Credit grading system and its effect on the transfer student.

Mo Phelps, Director of Admissions at the University of Georgia said, "You try in every way to make a failure a little sweeter, a little softer, but we don't do that here. If a student fails he fails. Besides, the student ought to have the right to fail."

Phelps added that Georgia looks at NC's as F's. "You can't take them as anything else. It means the student took the test and he flunked it and that's all."

At Georgia Tech the general policy is to average in a zero for the NC. However, Tech assistant Director of Admissions James Clegg said there is no set policy.

"It would depend on what the NC's

were in because if the grade was not in his major area then we might have a tendency to overlook it," Clegg said, but added, "The NC does give us problems. We are almost forced to give an F for the NC. We really don't know what to do with them."

Other universities said they often are unsure about what to do with NC's. Clemson University Dean of Admissions Kenneth Vickery said, "We don't know what it means. Was it a failure? Was it a drop? There is always an element of doubt."

Officials at the University of Virginia said they have seen very few NC's but they would have to interpret them as failing grades.

The Technician would again like to thank Mark Morrow of the Gamecock, without whose research of South Carolina's ABC/No Credit system this report would not have been possible.

IFC commission finds PKP guilty of 'hazing'

by Howard Barnett

Pi Kappa Phi, a State fraternity, was found guilty of hazing by an Inter-Fraternity Council Standards Commission Tuesday.

In a statement released Thursday, the commission, consisting of student and faculty members, said that the fraternity had violated IFC policy against hazing, as defined in the Commission's policy statement.

PI KAPPA PHI'S conviction came as a result of a recent incident in which one pledge was arrested for indecent exposure. The student was reportedly one of ten pledges taken into the woods off Avenet Ferry Road, told to strip, and doused with molasses and cornflakes and left to get back to the frat house on foot.

As punishment for the offense, national office of Phi Kappa Phi placed the State organization on a "positive action program," consisting of a number of points. The IFC Standards Commission apparently felt that the program set out by the national fraternity office, and

charged the Fraternity Investigations Board with enforcing the provisions.

Among the provisions are the termination of pledge education programs by the chapter, end of Hell Week, and any traditional activities defined as hazing, the organization of two community relations projects, for both the University and Raleigh communities and the submission of bi-weekly reports on the frat's progress toward these goals.

ACCORDING TO THE statement of the Commission, the community-relations projects must be of "such a magnitude that they will reflect favorably upon the fraternity and Greeks in general to each community."

The chapter was exhorted to replace the outlawed Hell Week and "traditional activities that are in any way defined as hazing" with a program organized around national Pi Kappa Phi concepts.

Deadlines were also set forth for compliance with different phases of the program. By December 16, the fraternity is to have a preliminary outline for the

new pledge education program ready. The final plan is to be ready to present by January 15, 1975.

DEADLINES FOR the community relations projects are Feb. 28, 1975, and April 30, 1975. All deadlines are subject to approval.

The Commission ended the statement with the announcement, "Finally, the Standards Commission feels that hazing is inappropriate for today's fraternity. The positive action program for Pi Kappa Phi will hopefully motivate the brothers of PKP to achieve higher goals for themselves, the school and the community."

Dean of Student Development John Poole said, "This office accepts the decision of the Standards Commission, and we're fairly well agreed that the fraternity itself accepts it too."

The Commission also provided that, if at any time the frat seemed to Student Development that the fraternity was not meeting its obligations under the plan, it would be brought before the Standards Commission again. Poole declined to comment as to what action might be taken in that event.

"It is impossible to say at this time what would be done," said Poole, "if it turned out that they had gone back to hazing again, it would possibly be a stiffer penalty, but if it were something like turning in a report late, then we would be inclined to let it go by. It all depends on what the circumstances are."

Committee seeks new name for 'ratskeller'

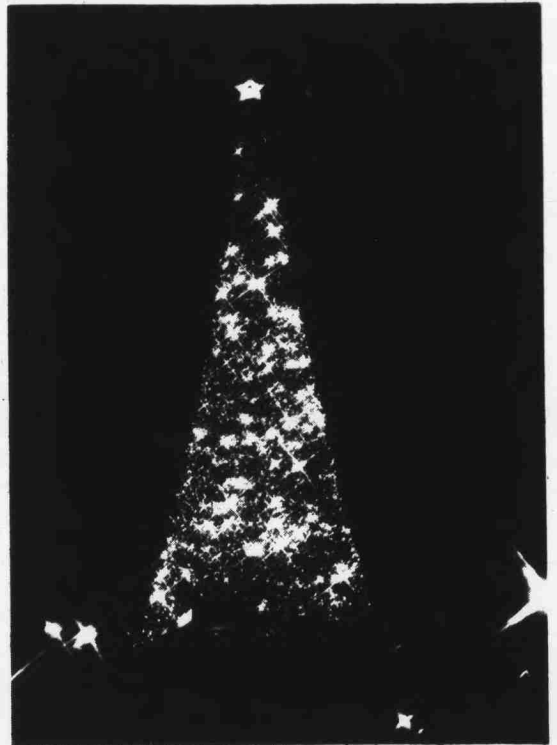
Recently a new room was completed in the Student Center that will be used solely for student entertainment. This room presently known as the Ratskeller has been remodeled with new plush sofas.

The walls have been decorated with polished copper sheets that reflect like mirrors. Also included in the new room is a sunken bar, complete with a refrigeration unit for beer kegs.

IT WAS DECIDED by the Union Board of Directors that the name of this room should be changed and a committee was set up to look into the possibilities of new names.

Susan Kirks, a member of the committee, said, "It was brought up by one of the committee members in the first meeting that although the name, (Ratskeller) as it stands is not bad we would rather not have a name such as that could be connoted with an entity at Carolina. But naturally if the students want to keep that name, that is what we will do."

Kirks pointed out that all the committee



Highlighting the Christmas ornamentation at Cameron Village is this tree mounted over Daniels Street, a landmark for many longtime residents of Raleigh.

Pub board passes student fee increase

by Howard Barnett

The Publications Authority Wednesday approved an increase in student publications fees. The request next goes to the Chancellor for approval, and then to the University of North Carolina Board of Governors.

The increase, 80 cents per semester, will raise the amount of student fees which goes to student publications to \$8.25 per year, and is expected to give between \$9,000 and \$10,000 more to the Authority each year.

"THIS FIGURE IS NOT padded in any way," said Publications advisor Don Solomon. "We didn't add on any money figuring to get cut down when we go to the Board of Governors, and that may be a bad move. If the Athletic Department goes to the Board with a \$10.00 request and gets cut down to \$7.50, then we are liable to wind up with 40 cents instead of 80. The figure is what we felt we really

needed, and nothing more." If approved by the Chancellor and the Board of Governors, the fee increase will go into effect next fall. Students will pay 40 cents more each semester.

The board also passed two measures of a four-part motion introduced by Agromeck editor Jim Davis. The first provided that all photos and copy become the property of the publications in which they first appeared, and the second that the permission of the editor of the respective publication must be obtained before the material could be reprinted.

THE MOTIONS STEMMED FROM THE FACT THAT THE Technician recently reprinted a photograph from the 1974 Agromeck, over Davis' objections. Davis said that, for personal reasons, he had not wanted the picture used, but could not stop the paper from using it because under present procedure photographs are the property of the student body, and any student publication could use them.

The board also decided to rescind the budget for the Faculty-Course Evaluation, because it felt the forms were not distributed in time for a meaningful number of students to respond to them.

LATE DISTRIBUTION OF the forms was caused by the fact that the op-scan forms did not arrive as they were supposed to, and as a result, the forms used would have to be sorted by hand.

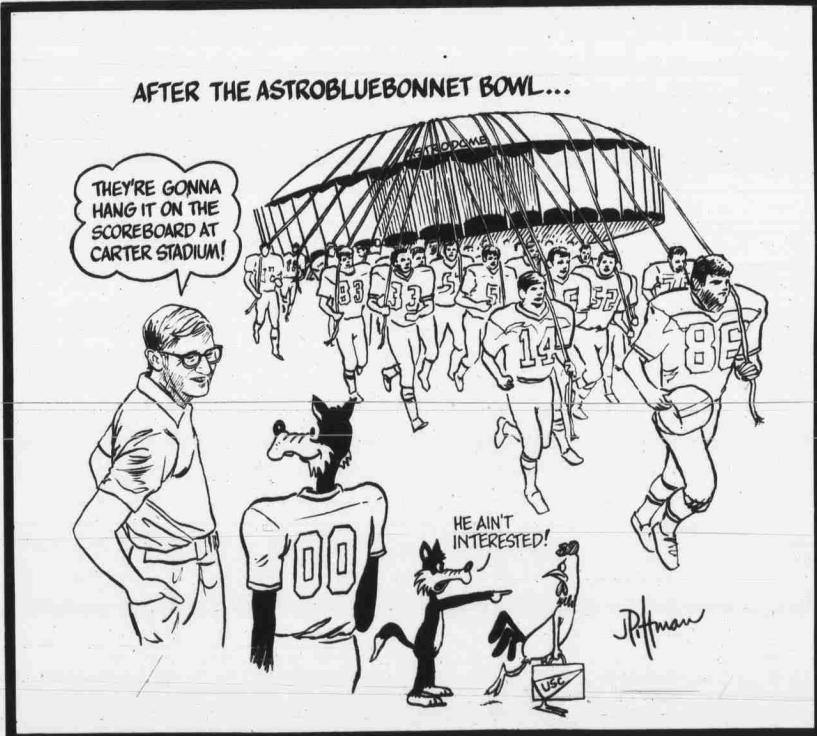
University Printing Services, of San Diego, California, was being sought by the group to publish the evaluation. The company is the same one which presently prints the student telephone directory. If the company decides to print the evaluation, it would be for no charge, with the costs being paid by national advertisers.

An emergency meeting of the Publications Authority was called for Thursday in which Glen Harmon, editor of the evaluation, was heard. He was not present at the Wednesday meeting, but sent a representative.

HARMON SAID THAT it would not be necessary to call off the evaluation for this fall, indicating that the response might be enough to give an accurate picture, even with the late circulation of the forms.

It was decided that, if the forms came back and were satisfactory, Harmon could send them to San Diego to be printed. If the company decides not to print them, Harmon could approach the board and ask for the money to have them printed elsewhere.

The next scheduled meeting of the Publications Authority is Jan. 22.



TODAY

WEATHER
Increasing cloudiness and warmer today with highs in the mid 50's. Mostly cloudy with a chance of rain tonight and tomorrow with the low about 40 and tomorrow's high around 50. Near zero per cent chance of precipitation today, 10 per cent tonight.

QUOTE
"We don't look upon the NC as a prejudicial grade, but it does mean that the student has failed in some way to complete the course. Many schools see an F instead of an NC, however."
—Dr. Nicholas P. Mitchell
Registrar of USC

INSIDE
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How to get the most out of a new stereo system

In this weeks column, would be happy to hear your comments. If all goes well, there will be a series of articles written by Len offered in the future by the Sounding Board. This article has not been widely published as yet, and hence should provide you with a first-hand reading. Since this article is something new for the Sounding Board, we

By Len Feldman
P.O. Box 5698
Raleigh, N.C. 27607
Get two audio buffs together

and sooner or later, the perennial argument over the use or mis-use of tone controls ensues. If the Stated goal of "true" high fidelity is to reproduce all musical frequencies at their proper relative intensity or amplitude (so-called "flat response"), then why should it be necessary to boost or attenuate either the

treble tones or the bass tones? So goes the argument of the enthusiast who wouldn't dream of rotating his bass or treble tone control in either direction away from its "flat" or uniform-response setting. So vehement are the "flat response" adherents that some high fidelity component amplifiers and receivers actually

include a tone-defeat switch which enables listeners to bypass all tone control circuits, insuring absolutely flat response when it is activated. At the other extreme are a group of audiophiles whose initial act (after unpacking and hooking up their hi-fi component system) is to twiddle both bass and treble control knobs to their maximum clockwise position to see how much bass and treble emphasis the equipment will produce. Often, the audible results of this exercise are anything but pleasing or natural. Overly accentuated bass or treble tones—particularly upper bass (in the frequency region from about 200 Hz to 500 Hz) and lower treble (from about 3000 Hz to 7000 Hz)—makes reproduced music sound unnaturally "boomy" and strident, destroying that very realism that the user is attempting to simulate.

Not only are frequencies above 5 kHz or so boosted, but the entire upper half of the audio spectrum above 1000 Hz or so is also emphasized to a greater or lesser degree. The result is a less-than-ideal kind of sound which has been characterized as "honky" or "tinny". One solution to this problem is offered by U.S. Pioneer Electronics in their higher priced amplifiers and receivers. Instead of equipping these products with only a single bass

and low frequency. Attempting to double the audible intensity at low frequencies calls for full clockwise rotation of most bass controls for an electrical boost of 10dB. This corresponds to ten times the power output at these frequencies compared to that produced when the control is at its mid-setting. What makes matters worse is that many amplifiers and receivers fall short in their power output capability at these very frequency extremes where tonal

Final examination schedule Dec. 9 - 18

EXAMINATION DAYS	8 - 11	12 - 3	4 - 7
	Hours Class, Actually Meets During Semester		
Monday, December 9	10:10-11:00 MMF	2:10-3:00 TT	GN 301 Common Exam MAT-200, MAT-201 Common Exam ARRANGED EXAM
Tuesday, December 10	9:10-10:00 TT (includes 9:10-10:25 classes)	3:10-4:00 TT (includes 3:10-4:25 classes)	CH-101, CH-107 Common Exam EE-201 Common Exam ARRANGED EXAM
Wednesday, December 11	9:10-10:00 MMF	4:10-5:00 MMF	GN-411 Common Exam PY-205, PY-208 Common Exam ARRANGED EXAM
Thursday, December 12	11:10-12:00 TT (includes 11:10-12:25 classes)	10:10-11:00 TT	BS 100 Common Exam EC 260 Common Exam ARRANGED EXAM
Friday, December 13	11:10-12:00 MMF	3:10-4:00 MMF	MLF, MLG, MLI, MLR, MLS, 101, 102, 110, 201, 202 Common Exam ARRANGED EXAM
Saturday, December 14	8:10-9:00 MMF	2:10-3:00 MMF	CSC-101, CSC-111 Common Exam ARRANGED EXAM
Monday, December 16	1:10-2:00 MMF	12:10-1:00 MMF	12:10-1:00 TT
Tuesday, December 17	8:10-9:00 TT (includes 7:45-9:00 classes)	1:10-2:00 TT (includes 1:10-2:25 classes)	4:10-5:00 TT ARRANGED EXAM
Wednesday, December 18	ARRANGED EXAM	ARRANGED EXAM	ARRANGED EXAM

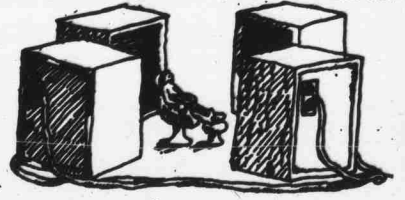
REGULATIONS:

- No examinations may be given before December 9.
- Examinations will be held ONLY between the hours indicated. Exceptions must be approved by the Dean of the School concerned.
- Courses having both recitation and laboratory hours should use the class hours for determining when the examination will be given.
- In the schedule, the term "Monday" applies to classes having their first meeting of the week on Monday, Wednesday, or Friday; the term "Tuesday" applies to classes having their first meeting of the week on Tuesday, Thursday or Saturday (i.e., a class holding its first meeting of the week on Wednesday at 10 o'clock will take the examination as a Monday 10 o'clock class provided no student in the group has a regular class on Monday at that hour. If so, the examination will be an "arranged" examination.)
- Final examinations will normally be given in all courses.
- Exemptions may be applied to whole classes, sections, groups of students, or individual students. Exemptions should be applied equitably to students in a particular course, and comparable procedures should apply to all sections of multiple sectioned courses.
- Exemptions may be granted by the faculty member in charge of the course provided he obtains prior approval of the Department Head.
- Examinations for evening classes may be held at the regular class meeting time during the examination period or may be given at one of the arranged times.
- No student is required to take three final examinations within any 24-hour period. If a student finds that he has three examinations scheduled within this period, he should report to the Office of Registration and Records, 7-A Peele Hall, to have his schedule verified and to obtain a form approving his request to change the date of one of the examinations. He will take the form to one of his professors and arrange for a new examination date. The professor will enter the new date on the form, sign it, and return through the campus mail.

NOTE: Instructors giving examinations on Saturday, December 14, must make prior arrangements with the department that controls the room in which the examination is scheduled, in order that the room may be open on that day.

THE TRUTH is that both approaches fail to take into account some basic factors of hi-fi life. While it is relatively easy to design electronic components that amplify all sound frequencies equally, things are not so simple when it comes to loudspeaker system design. Loudspeakers, being electro-mechanical rather than purely electronic devices, tend to attenuate very low and very high frequencies; the last octave or two of audible sound at either frequency extreme. Furthermore, even if a given speaker system is optimally designed to reproduce all audio frequencies, its inherent "perfection" is often defeated by its surroundings—the room in which it is installed. Listening rooms furnished with highly absorbent materials (heavy drapes, carpeting, etc.) soak up high frequencies disproportionately. Often, the decor requirements or the physical limitations of a room necessitate positioning of speakers off the floor—on bookshelves or wall brackets—or in other locations which tend to reduce their bass reproducing capability.

It is these acoustic limitations which prompt the use of tone controls. Unfortunately, most tone controls cover too broad a frequency spectrum to properly compensate for speaker or room deficiencies. For example, suppose the system calls for a slight boosting of bass frequencies in the region from about 50 Hz to 150 Hz. In attempting to accentuate this narrow range of frequencies, upper bass frequencies are also boosted, resulting in an unnatural, "boomy" sound. The same thing often happens when treble emphasis at the extreme high frequencies is required.



sounding board by Bill Woots

and treble control, the units have what the company calls a "twin tone control system." There are two separate knobs for bass frequency control and two for treble adjustment. The first of each pair operates in the conventional manner, altering the response of a major swath of frequencies. The secondary bass or treble control operates over a more restricted range of frequencies, affecting only the extreme highs or the extreme bass. With this arrangement, the user has almost unlimited control over the response of his total hi-fi system and is able to tailor its response so as to precisely compensate for the minor deficiencies or other components, variation in program source material and room acoustics.

boosting is attempted. As a result, the amplifier will "clip" or distort the signal when such extreme use of tone controls is attempted.

Manufacturers of better quality components purposely rate the power output capacity of their products over the entire audio range—from 20 Hz to 20,000 Hz. This practice gives a better indication to the user of just how much power reserve he has when tone controls are used beyond moderation.

The real answer to the tone control controversy, then, lies in an understanding of all the factors outlined here so far. Tone controls do have a place in even the very best hi-fi component system, providing they are used intelligently and in moderation—just to compensate for minor response deficiencies elsewhere in the sound chain. Of course, if you remain unconvinced, or feel that your dream system's components are all truly flat in response, you can always restore the tone controls knobs to their "flat" position. Even better, if your amplifier or receiver is equipped with a tone defeat switch as well, you can eliminate the tone circuits altogether by the flick of a switch.

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Craft registration

Registration for spring classes at the Craft Center will take place on January 15, 16, and 17 between 2:00 and 10:00 p.m., at the Craft Center, located in the basement of the Thompson Building.

led glass, contemporary stichery and musical instrument construction will be offered throughout the Semester.

The classes are opened to students, faculties and their families. Many of the classes will also be offered to the general public through the Division of Continuing Education.

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Extension Service helps

Christmas tree farming big business in N. C.

By Kirti Wadhwa
Soon it will be Christmas time. Mailmen will be carrying sacks of letters for Santa people will be hosting in the malls trying to get their shopping done, and children will be praying for a white

Christmas. In the air will be an aura of cheery laughs, sweet cold air and the smell of pine and holly. Lights will be twinkling on the trees adorning living rooms across the nations. Inseparable

from any picture of Christmas is the Christmas tree—a tradition passed down through the generations.

PEOPLE HAVE started buying Christmas trees in preparation for the season ahead. The trees are sold by growers who operate their own retail lots, by independent retailers who buy the trees from the growers, and by church and civic groups who buy and sell trees in money making projects.

Some of the types of Christmas trees grown across the nation are Fraser fir, Balsam fir, Douglas fir, White Pine, and Redcedar.

Of these the Douglas fir is most abundant and most widely used. The Fraser fir is a very attractive tree with dark-green foliage and a pleasing aroma. It is the king of the Christmas trees. There is a great demand for Fraser firs and consequently they are generally in short supply.

THERE ARE some interesting questions raised on the subject of Christmas trees.

Where do they come from? Approximately 35 million Christmas trees are grown for selling at Christmas each year. Most of these are grown in the North-Eastern states and the Great Lake states.

North Carolina also is fast becoming one of the leading states in Christmas tree production.

DOES NOT THE cutting of Christmas trees harm the environment?

No. Retailers do not go into the forests and chop down trees to sell in the market. The trees are planted, cultured, grown, harvested and then sold by the tree market. They are sold by the tree growers in the same way as other crops grown by farmers. As a matter of fact, Christmas tree farming is actually beneficial to the environment. Two trees are planted for every one cut down. The trees prevent soil erosion. The tree farms add to the scenic beauty. The trees produce energy in terms of the oxygen that they release into the air.

The Christmas tree industry is a sizable industry in North Carolina. In 1974, 600,000 Christmas trees were cut and sold by North Carolina growers. Fraser fir and White Pine are the primary species planted in North Carolina.

THE CHRISTMAS tree crop is an intensive culture crop. Much care, time, and money is invested in the Christmas trees by the time they are ready for marketing.

Christmas trees are planted in the Spring. Before planting, the ground is made ready in the same manner as for grass or other small grain crops. The stumps of chopped down trees are dug up. The land is nourished with fertilizer based on the recommendation of the soil laboratory.

The best soil for Christmas tree growing is deep, rich, moist, well-drained soil with a good fertility level. In order to ensure proper healthy growth of the trees, the tree farmer has to supply protection from pests and diseases. He has to keep control over competitive grass and weeds, which is a big task in the initial stages of production.

AN IMPORTANT part of the growing of Christmas trees is their shaping and shearing. Shaping is a must for high quality Christmas trees. After the trees are about three years old, they must be sheared each summer for shaping.

A quality Christmas tree takes from six to twelve years to mature to a marketable stage. By the time the trees are of a marketable age, say eight to ten years, the growers have considerable investment in the crop. An estimate of this is \$2,000 per acre.

Christmas trees are mostly grown on small farms operated by private landowners. The Christmas tree business can be a profitable one if it is managed properly. It has the advantage that large acreages of land are not required in the business. The Christmas tree industry was first initiated in North Carolina with the help of the Forest Extension Service.

In order to expand the economy of the state, the Forest Extension Service started helping small landowners who did not have enough land for profitable farming of other crops to start Christmas tree farms which give good sized profits per acre. Now it is a rapidly growing industry made up of over 800 private landowners many of whom operate Christmas tree farms as a side business to supplement their regular incomes.

The North Carolina Forest Service aids tree farmers by providing technical information. It tells the farmer what species is most likely to be a successful crop. It shows them cultural methods of farming. It helps the farmers in marketing their crop.

North Carolina has produced some very famous trees which have travelled to the nation's capitol. In both the years 1973 and 1971, a tree from North Carolina was chosen to be White House tree and was placed in the Blue Room of the White House. In 1971 the national tree, which is the large tree placed on the mall outside the White House, came from North Carolina. The trees of the Blue Room were chosen on the basis of a nationwide competition by The Christmas Tree Growers Organization.

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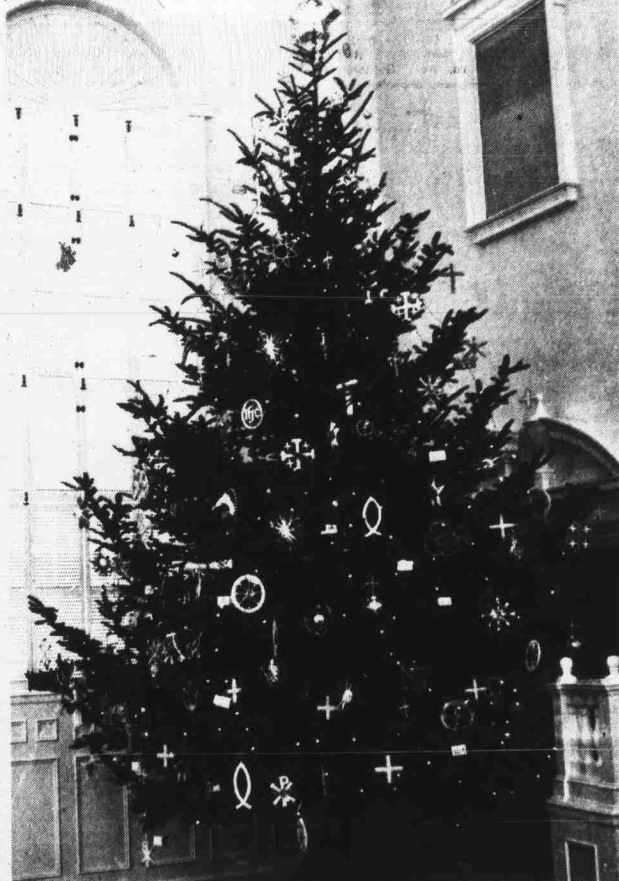
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Large Christmas trees such as the North Carolina Fraser fir above are available in extremely limited quantities each year. The major supplier of trees in the state had only four twelve-foot trees available this year. Photo courtesy of NCSU Agriculture Extension Service.



Christmas tree farming is a major enterprise in this state.



There are six Christmas trees set up in the Student Center. Above is one of two twelve-foot Fraser firs in the second floor lobby. All six trees are from an award

winning tree farm in the North Carolina mountains. The cost for the six trees was over \$150.

Lady campus cop hired

She'll never pass for one of the guys. But she is, as far as she's concerned.

Eddie Kay Mosley is the first female police officer on campus. She wears men's trousers tailored to fit her petite figure, a uniform blouse topped by a clip-on black necktie and ornamented with a silver badge which makes her "official." In a holster which hangs below her slender waist she carries a .38 police special revolver which she regards as "a piece of equipment."

The 30 year old strawberry blonde joined the security force last month. She's one of 26 uniformed officers on campus.

TO BE HIRED, job candidates must meet the requirements of the N. C. Criminal Justice Training and Standards Council, including satisfying a stringent background investigation and passing an SBI exam on search and seizure.

The new female officer will complete 160 hours of police science training in January. In the meantime, she is receiving on-the-job training.

Mrs. Mosley was attracted to the position because "I find it

fascinating to work with people." The security job is not the first for her. She worked undercover to detect shoplifters in an Army PX in Brooklyn for one year.

She experienced no problems in apprehending shoplifters, a routine she described as "handling people in a distressed situation and making it as easy as possible."

"I guess I have a way of not irritating people," she said. "I didn't feel superior to them in any way. They were still people. I was in one position and they, in another."

She turned the shoplifters over to the military police.

When she was interviewed for the position at State, she feared she wouldn't be hired because she is a woman. And she did not wish to be hired solely because of her sex.

"I feel that I'm as capable as any other officer for the job," she said. "I'm so fortunate in this time of hard money problems to find a job I'm pleased with and enjoy."

"A third of your life is spent in your work," she continued, "so you should be happy in that

work. I think that's being very fair to your employer."

As a member of the security team, Mrs. Mosley is assigned tasks just as her male fellow-employees. She is especially interested in assault cases and feels that her presence on campus may prompt greater reporting of such crimes by female victims. "I BELIEVE ALL assault cases should be reported," she said. "To forget it only endangers someone else."

Mrs. Mosley feels so strongly about the reporting of assault cases that she is spreading the word that the victim can call and ask for her personally to handle the case.

In the line of duty, she also patrols the campus, handles parking regulations and traffic law enforcement, answers complaints and checks buildings for possible theft, fire damage and locked doors.

And although she's received a fair amount of ribbing from her male counterparts on the force, she says they "have been very helpful."

"We're all police officers," she said.

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A review

Theatre has 'perfect' play

by Larry Bliss
 If you can only see one play this year, go to the Thompson Theatre Experimental Studio tonight or Saturday at 8 p.m. and experience William Hanley's "Slow Dance on the Killing Ground."

This play, which closes an impressive fall season, is near perfect in its construction and execution. I have rarely seen better acting or better direction.

THE FRAMEWORK of the play is elegantly simple. "Slow Dance" takes place in the candy shop of Mr. Glas, an elderly German who fled the Nazi terror of World War II. On a summer evening in 1962, while he is taking inventory, a young mulatto, Randall, bursts in, apparently running away from someone. He immediately shatters the peace of Glas' store, which has become a place of refuge and isolation for its

proprietor.

For most of the first act Randall relentlessly brings the crime-ridden environment of New York City, the "killing ground", into Glas' retreat, constantly catching him off guard with a wild combination of literary references and ghetto language.

The third character, Rosie, makes her entrance by demanding where the Brooklyn Bridge is and fainting. When revived, they discover that she has been roaming for hours, trying to find an abortionist.

This is the foundation laid for the second act, in which each of these three characters, with virtually nothing in common, revealing themselves to each other as few people ever do.

GIB SMITH, a member of the Modern Language faculty, is almost flawless as Glas. His character is fully "fleshed out".

He overcomes the technical problems of age and a German accent beautifully.

Smith makes Glas come alive for the audience. His lines become much more than mere words; they reflect his innermost being. I look forward to seeing him again at Thompson.

Walt Blaylock, a veteran of several Thompson shows, faced an enormous challenge in the complex character of Randall, who is, like the others, unforgettable. Blaylock has mastered the ability to shift moods with lightning speed. He is in turn, terrifying, amusing, pathetic and brilliant. He rivets attention on himself and forces people to act on his terms. Blaylock is at his best in Act II when he climbs atop a ladder and conducts in grand style a mock trial of Glas. The role is a very risky one; a lesser actor could easily appear a buffoon.

But Blaylock holds the volcanic elements of Randall's personality in complete control. His performance, and the others', is most instructive to actors of all levels of experience.

JILL STRAUSS has made an auspicious debut at Thompson, as Rosie. She is the epitome of a perplexed young girl, committed to social justice but unable to act when faced directly with one of society's victims. She establishes herself at once as the most open and honest of the three. Rosie throws off her platinum blonde wig and admits her homeliness. Mostly she watches helplessly as Glas and Randall exchange verbal blows.

She skillfully conveys the picture of a very compassionate girl with a cynical outlook on life. It is a rich character that this actress gives us, and she portrays it excellently.

The action is tremendously exciting to watch. Director Herman Laverne Jones, himself a very talented actor and dancer, worked with his actors for five weeks, and it shows. Tremendous dramatic energy is present at all times; the interaction of these three human beings, each deprived of some vital thing, is dynamic and fascinating.

Take the opening scene as an example of the play's intensity. It consists solely of Glas entering from the back of the shop, sweeping the floor and beginning his inventory. Smith sustains interest throughout and brings the audience into the play. It is a subtle scene,

but it effectively creates Glas' tiny, sealed-off world; in a few minutes the actor has compressed years of life in his remote corner.

The set itself deserves special praise. Edward R. Thomas and Jones designed an utterly realistic candy store. Spend the time before the show taking in the fantastic detail: the rows of books, the shelves filled with candies and Glas' kitchen, which looks as though lived in for decades.

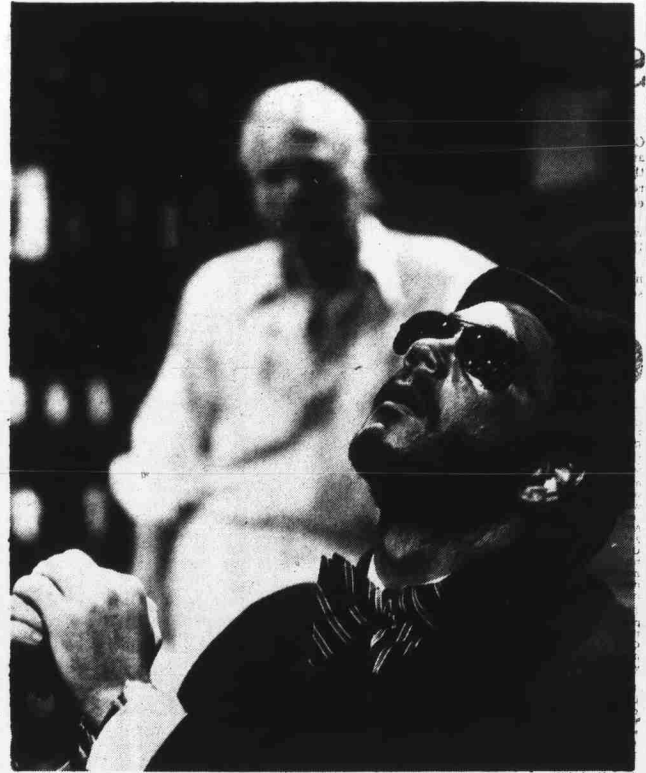
DOTIE RANKIN'S costumes complement the players well. Randall's schizoid personality is seen in his combination of refined evening clothes and tennis shoes. Rosie's uninviting appearance matches her dress's unfashionable look.

The makeup crew, not named in the program, is to be congratulated for its outstanding rendering of Glas' age and Randall's skin color. The lighting was well done, although several light changes are puzzling and do not add to the show.

The only other flaws were occasional projection problems and faltering lines. These were far too few to noticeably affect the total production, however.

"Slow Dance on the Killing Ground" is theatre at its best; vigorous, superbly orchestrated, enlightening and thought provoking. There is a 25 cents admission charge.

I would gladly pay ten times that amount for the privilege of such a fine evening of theatre.



Walt Blaylock performs the role of Randall, an 18-year-old black who enters the play after brutally murdering his mother, with a skill that is indisputable. "Slow Dance" is worth seeing at least once.



The Varsity Men's Glee Club will perform with the University Choir and the Symphonic band in the annual Music Department Christmas Concert tonight at 8.

Christmas concert set tonight

By Lyn Walls
 Get into the Christmas spirit by attending the Music Department's Christmas Concert.

The annual concert, which features three of State's musical organizations, will be Friday night at 8:00 p.m. in William Neal Reynolds' Coliseum. The Varsity Men's Glee Club, the University Choir and the Symphonic Band will each contribute to the musical

festivities.

Donald C. Adcock, director of the Symphonic Band, said, "It's a program that has a lot of variety even though it's all related to Christmas." "This annual concert attracts a large crowd," Adcock stated.

UNDER THE direction of Eduardo A. Ostergren, the University Choir will present Berlioz's "Thou Must Leave Thy Lowly Dwelling," Tellep's "Calypso Carol" and Lento-

vich's "Carol of the Bells" as part of its performance. The University Choir is made up of men's and women's voices.

The famed Varsity Men's Glee Club, which is directed by Milton C. Bliss, will present a diversified program that includes Mel Torme's popular "Christmas Song." Tenor David Weaver is the featured soloist for the traditional composition.

In addition, the 75-voice Glee

club will perform Persolesi's "Glory to God" and a Blande Chass arrangement of "Hanerot Halalu" (Song for Hanukah).

AMONG THE numbers that the Symphonic Band will present will be Alfred Reed's arrangement of "What Child is This?", Leroy Anderson's "Sleigh Ride" and Bach's "Toccatte and Fugue in D Minor."

The band will also give its

traditional performance of "Twas the Night Before Christmas" by Newell Long. Mark Kath, a sophomore from Garner majoring in Speech and Communications, will be the narrator. Adcock said this is "the first N.C. State student to do the narration on it." Kath has been in Thompson Theater productions and was in the recent production of

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- March 1st - 16th: Closed
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State has two top ten schools

Architecture and forestry at North Carolina State University are ranked among the top 10 professional schools in their field in the U.S., according to a study released Monday (Dec. 2) by a leading educational publication.

tying also with Minnesota.

The study appears as an article in the December issue of "Change" magazine, an educational publication funded by the Carnegie Foundation.

The study was conducted by Professor Peter M. Blau, a sociologist at Columbia University, and Rebecca Margulies, a Ph. D. candidate at Columbia.

The rankings were determined by surveying the academic deans of all similar schools in the U.S.

The authors note that the rankings are not absolute and may be subject to criticism. However, they point out that the rankings by the deans correspond closely with rankings by other groups.

Seventeen professional fields were included in the study: architecture, business, dentistry, education, engineering, forestry, journalism, law, library science, medicine, music, nursing, optometry, pharmacy, public health, social work, theology and veterinary medicine.

crier

THE GERMAN CLUB will host a Christmas Party Friday, Dec. 6 at 7:00 in the home of Dr. and Mrs. Rawlings, 2404 Oxford Road. Come and join the festivities.

YEARBOOKS for students graduating in December: Any student who will graduate in December and would like to have a 1975 yearbook reserved should personally contact Mrs. Mintz or Mrs. Gruber (EXT. 2413), Publications Office, 313 University Student Center and give his or her permanent mailing address. A 75 cent fee will be necessary if you wish the yearbook mailed to you.

THE COFFEEHOUSE will take place this Friday evening at 8:30 in the Walnut Room, 4th floor Student Center. The Salty Dogs will be performing. Open jamming. Bring wine.

THE DEPARTMENT of Athletics is planning to ask for an increase of \$10 per year in the athletics fee effective for the 1975-76 year. There will be a hearing on Friday night, Dec. 13 and Monday night, Dec. 16 to be held at 7:30 p.m. in Reynolds Coliseum.

AIE MEMBERS. Vote for next year's officers in I.E. office today.

CHRISTMAS PARTY for all students' children, Sunday, Dec. 8 on 2 p.m. Student Center ballroom. Entertainment and refreshments.

THE INTER-FRATERNITY Council in conjunction with the Panhellenic Council and the Inter-Residence Council will sponsor their annual Food Drive from December 1 to December 7. The goal for this drive is to provide dry and canned goods for 700 needy families in Wake County. Persons desiring to make food donations should contact Wayne Lowder, 737-2404; John Sharpe, 833-6926; Jim Williams, 834-3585. The University community is urged to support this worthwhile and commendable project.

THE NCSU BAHAI! Fellowship invites everyone to an informal meeting. Baha'is? What's that? Come and find out tonight 7:30 p.m. at King Religious Center. Refreshments will be served and everybody is welcome.

ACM BEER BLAST! Dec. 6 Friday at Sumter Square Apts. Clubhouse. 7:30. Free beer.

GRADUATING SENIORS: No commencement exercises are held at the end of the Fall Semester or the Summer Sessions. A student who most welcome to participate in the Spring exercises. Any student who decides to do this is requested to keep in touch with his or her department concerning plans for the commencement exercises scheduled in May of each year.

FOREIGN LANGUAGE Placement Test in French, German, and Spanish will be given on Monday, Jan. 13 at 4:30 p.m. in 307 Harrison Hall. This test is for new students entering in spring 1975, and for those students who failed to take the test upon entering the University in 1974. Students who plan to take this test should contact the Department of Modern Languages, ext. 2475, by Dec. 13. This test will not be given again until the summer of 1975.

WELCOME BACK DANCE: Wed., Jan. 15, 8-12 p.m. Student Center ballroom, 2nd floor Student Center. The dance will feature the fabulous "Band of Oz," a group known throughout the South as one of the best. Free refreshments will be served in the ballroom. Admission: \$1.50 guys, \$3.00 girls. Owen, Tucker and Metcalf guys with AC/10 price. Girls with Bowen or Metcalf AC free. Come and plan to have a blast. State, Peace, St. Mary's and Meredith are all taking part.

ATTENTION: All Engineering seniors, applications for Knighthood in the Order of St. Patrick are available in Dean Carson's office. The award is based on overall student activities and there is no financial obligation. For further information contact Tom Langley at 832-6373.

COOP BOOKSTORE. Buy and sell used textbooks. Beat \$\$\$ prices. Come by and check us out. 2104 Univ. Student Center. Open 9-5 Wed., Thurs., Fri. of exam week and the first week of classes next semester.

PREREGISTRATION and substitute preregistration for 1975 spring semester: All students and advisors are reminded that students desiring to attend 1975 spring semester may still preregister. The last day for this activity is Monday, Dec. 9. Continuing degree students who did not preregister by Nov. 15 will be assessed a \$10 late fee. Those who did preregister are reminded that they may submit a substitute request without penalty in the event there is a change in their original request through Dec. 9. New transfer, readmitted and special students may also use this extended period to preregister without penalty. Special (non-degree) students will submit requests in room 134, 1911 Building; all others will submit their preregistration schedule request forms in room 7A, Peele Hall.

THE NCSU International Folk Dance Club will meet this evening at 7:30 at the West Raleigh Presbyterian Church (located behind Two Guys). The following Friday, Dec. 13 the group will meet in the ballroom of the Student Center. Everyone is welcome.



The annual Student Center Children's Christmas Party will be Sunday at 2 p.m. in the Ballroom. Above is Kenny Anderson as Santa Claus at last year's party.

classifieds

FOOD SERVICE jobs available for spring semester. See Mr. Barkhouse at Food Service office, 1st floor Student Center. 737-2160.

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SECOND ANNUAL Craft Open House and Sale, Saturday, Dec. 7 from 10 a.m. to 6 p.m. and Sunday, Dec. 8 from 12 a.m. to 6 p.m. 806 Warren Avenue, Cary, North Carolina 27511. Call 467-0946.

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Creative skills mix in Planetarium

By Joan Hill
The melodic strains of "Greensleeves" fill the Morehead Planetarium theatre. The audience sits, necks craned, in quiet anticipation. The lights dim and first one tranquil scene, and then another—of nature, the Holy Land and children on Christmas morning—appears on the curved walls.
"Now when Jesus was born in Bethlehem of Judaea in the days of Herod the King..." The sonorous voice of The Rev. John Mott begins the Gospel according to St. Matthew. A guitarist gently strums Bach's "Jesu, Joy of Man's Desiring." Twenty centuries melt away. The peace of Christmas seems to enter the chamber. The mood is set for the 26th annual "Star of Bethlehem" in Chapel Hill, presented daily (except Dec. 24 & 25) from Thanksgiving until Twelfth-day (Nov. 26 through Jan. 6). Shows are at 8

p.m. daily, 11 a.m., 1, 3, and 8 p.m. Saturdays, and 2, 3, and 8 Sundays.
"Star of Bethlehem" is a special project of A.F. Jenzano, chief of education of the Planetarium since 1951. He has directed development of the idea brought originally from Fels Planetarium in Philadelphia when he joined the Morehead staff in 1949.
"Since Christ was born," Jenzano says, "One star in particular has consistently attracted more wonder than all others combined, excluding our sun. Star of Bethlehem attempts to present the best scientific evidence for explanations of that star. The Scriptures are quoted but the stress is on the historical and astrological interpretations. Our program seems to appeal to all faiths."
THOUSANDS of man hours have gone into producing the

"Star of Bethlehem" in the 25 years it has been presented. More than 350,000 people have seen it.
The creative skills of many different people—those from years past as well as the present Planetarium staff—are represented. This is possible because the audio portion of the program is preserved on tape. Each year the master tape is reviewed and new ideas are incorporated with the best of the old.
The use of tape has also enabled the staff to build in a whole range of special effects not possible in a live performance, according to James Horn, the Planetarium's electronics technician. Horn is credited by Jenzano with designing, on a limited budget, a top-quality sound system which is the backbone of the taping facility.
"We do not have the usual

kind of recording studio," Horn says, "but all our dubbing is done in the theater and it is a good, flexible system."
Horn's ingenuity has produced some rather startling sound effects with his "flexible system," which includes a playback unit (a recording and dubbing combination), three stereo tape recorders, a small audio mixing console, a turntable and a monitor amplifier. In "Journey To Infinity," the previous program, Horn recorded "upside-down-and-backwards," overlaying an echo and return echo, to achieve the eerie voice of infinity. A similar echo technique is used in the current program.
In "Sunrise at Stonehenge," shown last spring, Horn enlisted the whole Planetarium staff in a rock-banging, table-thumping session which produced the illusion of a

caveman crowd scene. "Authentic" caveman talk was produced by recording the staff's voices, mumbles and grunts and then rerecording the tape backwards at various speeds.
"THE SOUND system is not automatic; a number of operations are done manually. In the pageant portion of the "Star of Bethlehem," as the star moves from scene to scene around the dome, so does the sound—adding dramatic impact. This is accomplished by Horn's perfectly-timed sequenced (transitions) on the tape.
The heart of the sound system is the "patch panel." With this device Horn can transfer music or voice from a master tape and separately modify them in the process. The versatile panel is small (a 19" rack mount) and looks like an old-fashioned telephone switchboard. By plugging a special cord into one of the 100 inputs, Horn can make the music or voice "disappear" while he makes the necessary adjustments—a mystifying operation to most laymen.
Once the master tape has been perfected, it will last almost indefinitely. It is played only once a year to record the tape used for that year's show. The "Star of Bethlehem" production was originally taped in 1971, but Planetarium Junior Intern John Coolbaugh, who was assigned to do a revision, made several changes in voice and music for this year's show.
The 1974 show is narrated by (in addition to The Rev. John Mott, pastor of the Church of the Holy Family in Chapel Hill) Richard Knapp, Planetarium chairman; Ron Johnston, Planetarium senior intern, and Bob Bloodworth, former N.C. TV personality who now lives in South Carolina. The use of several different voices, Horn says, adds zest to a presentation.
Joseph Mark, Planetarium staff artist, aided by James Gates, chief technician, was responsible for projected visuals of the "Star of Bethlehem." Utilizing photographs and art work, Mark planned the panorama scenes projected by six horizon projectors around the base of the theater dome. "To compensate for projection distortions on the curved dome," Mark says, "I have to

panoramic distortion device—a funny camera on a funny rig." The process involves clamping the art work onto a curved vice, then photographing it with the special camera. The Planetarium's "funny rig" is the first of only two in the world. Fernbank Planetarium in Atlanta owns the other one.
"WHEN THE visuals have been planned and created by Mark, James Gates takes over. One hundred projectors positioned around the 68-foot dome are specially set for each show. Fourteen carousel projectors, each loaded with 18 slides, are installed within the theater. Gates can create beautiful and unusual effects by using several projectors at once, superimposing one scene over another, as he does in the creche (manger) scene in this program. In a smooth transition, the viewer visually moves down a Bethlehem street, approaches the stable and enters it to join with the shepherds and Wise Men at the cradle of the infant.
Gates also supervises the preparation of the three-dimensional stage sets, built behind the stainless steel dome. Because the dome is perforated, it becomes "transparent" when lighted from behind, and the scenes of Bethlehem, Herod receiving the Wise Men and the creche appear life-size and in full color.
Projectors with rotating wheels create the illusion of twinkling stars and drifting clouds. The impressive depth of Herod's throne room is accomplished with "forced perspective"—the artistic sleight-of-hand utilizing unequal spacing in the room's side panels and boxed beams.
When viewed from the audience, the stage sets appear lavish and richly decorated. Actually, inexpensive "on-hand" materials create the impressive illusions. "We call it our brown paper magic," Knapp says. Dozens of drawers in the workshop, he adds, hold the well-organized and catalogued "junk" used in various programs during a year.
"ONE OF THE most important visual creations in the current program is, of course, the star of Bethlehem. In the past, a special projector, operated by hand, was used. It was decided that the effect was



Completed art work for the Planetarium's panoramic scenes is spliced together by Joseph Mark before it is photographed by the panorama distortion device.



Richard Knapp makes final adjustments on one of the tableau sets built behind the Planetarium's dome.

not smooth enough, so Gates prepared a slide-film projector to move the star during the pageant portion of the show. Once the visual and audio work is completed, the Zeiss projector, the intricate instrument which reproduces the astronomical effects, is set to project the sky of 7 b.c.—the year in which many believe the events described by St. Matthew occurred.
Now the talents of two persons are blended to produce the complete show. The technician in the control room operates the house lights, the tapes and the special effects. The console operator in the Planetarium chamber activates the Zeiss projector. They conduct the performance by arranged cue signals tapped on the microphone.
Although the console operators occasionally joke that they

are really produced by a midjet who runs around behind the dome with a flashlight, they practice long hours to perfect the special-effects coordination for each show. There are seven or eight different controls just to produce a sunset. It takes about six weeks of intensive training for a new console operator to master smooth transitions. The "Star of Bethlehem" features a complex display of comets, meteors, supernovae and planet conjunctions.
Are all those hours of work and preparation by the Planetarium staff worth it? The many complimentary letters Jenzano has received over the years indicate it is. As one eighth grader put it: "The music, story and everything was so beautiful that I am not able to say anything except that I am glad I came."

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Econ Society helps relate students, professors

by Gay Wilentz
There have always been two major discrepancies on the college campus: the relationship between the student and the professor, and that of the university to the outside world. At State, the Economics Department, with the formation of the Economic Society, is

trying to bridge the gaps. In determining how the students think and how to deal with the world of business, they are setting an example that the other departments might find a worthwhile endeavor to follow. In 1966, the students (of all people) felt that they needed an honor society in the economics

department. They already had had informal meetings within the department. THROUGH THE efforts of Dr. M. El-Kammash, they received a charter in 1970 from Omicron Delta Epsilon, an international organization formed in 1915. Since this organization was,

by nature, exclusive, the department rejuvenated the former Economics Society which was opened to all students of economics. The Society was created to bring everyone with an interest in economics together, including business and agriculture students working in the field.

The society is active in three main areas. First, the members invite renown lecturers from industry and government, besides the academic community. These lectures are directed to an undergraduate audience primarily because the graduates seem to have more worldly contacts. Some of the speak-

ers have been John Kenneth Galbraith, Frank Knight, and Senator Robert Morgan. The last lecturer discussed the economic repercussions of the current oil crisis. THE SECOND AREA of interest is comprised of visits to places of business and industry in order to give the students insight into the practical usage of their theories. One successful trip to the Federal Reserve Bank in Richmond, Va. Similar trips are planned for the future.

To increase social contact, there are dinners at the El-Kammash home, receptions after the lecture series, and a meeting with Dr. Toussaint, chairman of the department, called "Everything you wanted to know about your Economics Department (but were afraid to ask)."

The news bulletin which comes out informally once or twice a year, is not an economics journal but a vehicle of communication. The paper, edited by Katherine Hooks, is given out to all students who attend the meetings in addition to the graduating class. It contains the names of all who have graduated, summaries of past lectures, and informative articles concerning topics such as job placement. Furthermore, it is an excellent apparatus to express an opinion on the curriculum itself, which is what the economic society is all about.

Prof says American economy stronger than most in world

The U.S. economy is faring well in comparison with the economies of other nations, according to an economist at North Carolina State University. The economist, Dr. J.C. Poindexter, says the U.S. economic system has been so sound and resilient it has weathered even the greatest insults heaped upon it. "This period of inflation, too, shall pass," he adds. Poindexter did his Ph.D. research on asset shifts involving currency and the strength of monetary controls and is now writing a book on monetary theory.

THE ECONOMIST notes that money supply is involved in the current economic problem for the nation. When President Ford addressed Congress and the nation about inflation, one of the little noted points he discussed was "money supply." He said he was not asking for a reduction in "money supply" but rather an expanded supply of money and credit to meet the needs of the economy. And what makes up the money supply? Poindexter points out that "it is mostly credit and good faith." "About 80-90 percent of the total money supply is made up

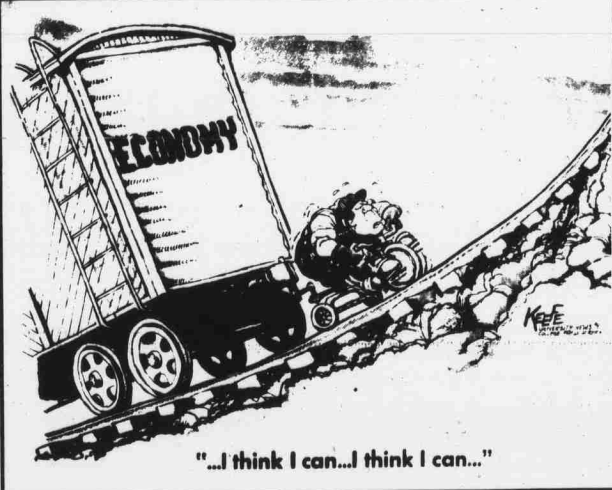
of checks or demand deposits. The remainder is coin and currency." HE EXPLAINS that the Federal Reserve Bank, a non-governmental agency, controls the supply of money and creates "new" money through the commercial banking system. The "Fed," as it is called, uses three broad tools in controlling the quantity of purchasing power ("money") in the economy, Poindexter explains. One tool sets the fraction of deposits which member banks must hold in reserve, and another set the interest rate at

which member banks can borrow reserves, he explains. The third and most popular tool is the "open market operation," or the sale and purchase of government bonds, which in turn controls "money" available by raising and lowering the amount of credit commercial banks can extend. TO INCREASE the supply of money, the Fed buys more bonds than it sells. In buying a bond, the seller gets a check from the Fed. The check is deposited in a commercial bank, the bank sends the check back to the Federal Reserve and the bank is credited with \$100. This is the reserve against which loans can be made by commercial banks. In the transaction, the Federal Reserve has created about \$80 in new money in circulation in the economy. Multiply this hundreds of thousands of times and millions or billions of additional money is poured into the economy. To decrease the supply of money, the Fed simply reverses the process—selling more bonds than it buys. Banks reserves are decreased and credit is restricted since the ability of the banks to loan money is contracted. Commercial banks bring borrowers and lenders together. Since only commercial banks can issue checking accounts and since checks are accepted in payment of most transactions, checking account balances are a form of money. These balances, or demand deposits, constitute the largest proportion of the total money supply. WHEN A BANK makes a loan, it supplies money to the borrower in the form of an increased balance in the borrower's checking account.

This creates an increase in the supply of demand deposits through the bank's book-keeping system. As the borrower spends out of this new account, he may deposit checks in another bank but the total amount of deposits in the banking system has been increased. In this way the money is being created. The money lent to the borrower is a new deposit and becomes an addition to the money supply. The Fed controls the money supply by adjusting reserves. This helps to maintain economic stability and inspire faith in the economic system, Poindexter says. ALTHOUGH the usual procedure during an inflationary period is for the Fed to tighten up and reduce the rate at which the money supply grows, many economists feel this would have an adverse affect during the present inflation. "The key is to reduce the pressure on production," Poindexter says. "If the government trims its spending and the public and business community conserve basic raw materials and energy, the result would be an economic slowdown with an increase in unemployment." "However," he continues, "the administration must hope that the reduced demands for goods and services would allow the real productive capacity of the nation to catch up to that the rate of price increase would slow down." Poindexter says, "The government cannot go bankrupt, and the present price-wage spiral could change dramatically in the future with discoveries of basic raw materials or new processes which would speed the growth of production capacity.



Dr. M. El-Kammash is faculty advisor for State's Economic Society.



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Discrimination must go

Women on State's faculty are paid an average on 31 per cent less than faculty men. There are only five women ranked as associate professors and one ranked as a full professor on the teaching faculty ("teaching faculty" is that part of the faculty paid out of the educational funds; it amounts to only 60 per cent of the 1100 faculty members here). There are only 17 blacks on State's faculty compared to 14 a year ago. The blacks recently hired here get salaries slightly higher than the starting salaries of comparable whites.

These are all documented facts admitted by officials in the University administration. But why do these clearly discriminatory situations exist here?

As to the women's salaries, officials in the University try to pin the blame on general social situations. Then they say that State is trying its best to eliminate them, but the attitudes of the people they have to work with hinder their efforts. What officials do not say is that women were discriminated against by this institution until government pressure forced it to correct the situation.

Women here, however, tell a different story. They say that their salaries have long been lower because the men in their departments do not respect their abilities. The women also say that the men on committees which interview applicants for new positions would rather hire men than

women. But they always suffix their remarks by saying "that's the way it has been in the past." Now the federal government is pressuring the administration, which is in turn pressuring the departments into evaluating women purely on their merit, and not to consider their sex.

There are few blacks on the faculty because the University is not "buying blackness." In other words, State is not hiring people just because it needs them to help the racial balance. It is only interested in capable blacks.

It is surprising that the University can do this in the face of HEW demands that it hire more blacks. The current plan to integrate the faculty demands that all departments hire on good faith and ignore race and sex. But HEW has not approved this plan yet, and it seems unlikely that it will. Historically HEW has demanded plans which say that so many blacks will be hired each year until there is a certain percentage. It has been difficult for any institution to say that it will only hire blacks who are worth hiring.

State does, nevertheless, pay more for the blackness it does buy. The starting salaries for the six blacks hired this past year are higher than the average salaries for other people with the same rank. example, newly hired black assistant professors get a little over \$15,000 a year, while the University-wide average is \$14,146 plus \$1,670 in fringe benefits. The Provost will try to convince people that these blacks are very highly qualified, but he will have a hard time convincing anyone who knows something about the situation. It is clearly a case of blacks being able to get more pay because the government has put every college and university in the country in a position of desperately needing blacks. In other words, blacks who are even remotely qualified are scarce. Its called reverse discrimination.

One fails to see how the University can be carrying out its policy of good faith in hiring if it is willing to be extorted by people. No person should be paid more because of his race. Let's see HEW do something about this illegal action. One would tend to get violent if he was turned down in favor of a person who had equal qualifications and demanded more money simply because the institution needed the other party's race.

Women here are clearly paid less than comparable men are, but the University is just as clearly making some sort of effort to correct the situation. The problem is that the administration is trying to say that there is not any such discrimination now. The administration says that the women here have less experience and qualifications than men do. It will not admit that the men who evaluate women's performance tend to rate women lower. It only admits to a few "extreme cases" of sex discrimination.

The University must see that the problem cannot be solved by asking department heads to recommend promotions purely on the basis of qualifications. The root of the problem is that the male faculty members do not rate women as highly as they do men on peer evaluations. And these evaluations play a major part in determining salaries. Furthermore the University must take action on the fact that too many women are stuck with time consuming menial courses and positions on committees to such an extent that they cannot publish.



ABC/No Credit dies

Three years ago, the University of South Carolina implemented a new grading system—ABC/No Credit. In contrast to State's ABC/No Credit system, however, No Credit grades at USC do not carry a quality point value, and are essentially what they purport to be—simply no credit, nothing more, nothing less.

And although that fact makes South Carolina's ABC/NC system infinitely more fair to the student than State's, USC officials are nonetheless making preparations to scrap the system.

The reason is simple: ABC/No Credit has been a dismal failure at USC. Both students and faculty at USC, in the latter case all the way up to USC president William Patterson, have criticized the

system as being detrimental to the student.

Moreover, the No Credit grade itself has proved to be a source of hassle and debate. Graduate schools at USC look upon it as a failure, and others universities throughout the south say they don't know what to look upon it as.

Unless State's ANC/No Credit system is repealed soon, similar problems that USC students have had to face as a result of it will begin to descend upon students and faculty at this institution.

The verdict is in on the ABC/No Credit grading system. We hope both the Faculty Senate and Chancellor Caldwell will take the necessary action to see that its sentence is carried out.

Campus Xmas gifts

Well, Santa's old eyes see that it's yuletide. I know it doesn't seem like Christmas, but we all have to pretend that it's already the season to be jolly since the semester there at State is over, and this is, after all, the last Technician until January 13, 1975, so I was told that any Christmas trimmings must be gotten out of the way today.

As any child who grew up in the United States, or most any Western country, for that matter, is fully aware, Christmas is a religious holiday which has been distorted during the last century or so to become not a celebration of an astronomically important historical event, but a celebration of the wonders of American business, with a capital C, and with poor old Santa caught in the middle.

However, since each of you is used to seeing me in a red suit, always managing not only to slide down billions of chimneys (and non-chimneys) in one night, but doing so without getting dirty, we may as well go ahead and get some Christmas presents out of the way.

For the marching band, Santa leaves some new formations under the ol' tree, in hopes that they can be mastered by the time national television zeroes in on these representatives of your campus on December 23.

For all students who will make between a 60 and a 69 in a course and wind up with that "NC" on their record, Santa would like to leave "D's". Ol Santa can't, but he would like to.

For Campus Security, a slot car set, to practice racing around the campus in the safety and comfort of an indoor setting.

For the City Council, to help with the Pullen

Bridge problem, an Erector Set.

For the committee members of Major Attractions, a season pass to all concerts at UNC, so they can see what a major attraction is.

For the Physical Plant, a set of Lego plastic blocks so they can try out some of their creations before they are committee to mortar.

For Ed Seaman, Sports Information Director, a box of Nic-O-Ban. Santa has checked his naughty-nice list and found out that Eddie has been smoking constantly during basketball games at State, despite the Coliseum smoking ban.

For the guys in the Sports Department at your newspaper, Santa leaves a thesaurus. No one asked for it, you understand; but Santa can figure some thing out for himself.

For Student Center Food Services, little Jerry Ford has asked that Santa leave a "WIN" button. In fact, little Jerry unloaded more sacks of those damn buttons on Old Santa than he knows what to do with.

For Pi Kappa Phi, Santa would like to come to the rescue and leave some rushees for the new year. After this semester, any rushees they get will be gifts.

For the Student Transit Committee, Santa fills the stocking with a Tonka bus and an Etch-A-Sketch for planning bus routes around the campus.

And last, but certainly not least, Mrs. Claus and I give to Dr. and Mrs. Caldwell our heartfelt wishes for a most joyous holiday season, not only during this, their last Christmas in the chancellor's residence, but for years and years to come.

For Student Body President Ron Jessup, and Santa had to find a big tree to leave this under, a Mattel "Barbie" Kollege Kampus" complete with washing machines in Barbie's dorm room, a transit system to whisk Barbie safely and surely to class, and an outdoor amphitheater for Barbie to listen to the big spring concert.

OPINION

Mouseketeers live

It is widely believed that the Mouseketeers' Club disbanded following its television cancellation in 1959. Don't believe it—it's just a malicious rumor. The Mouseketeers' Club is alive and well and meets the first and third Wednesday of every month at 7:30 in the Senate Hall.

Judging from their conduct in recent months, such is an appropriate characterization of Student Government's legislative branch. All they need are sixty odd sets of official Mouseketeer Ears and they'll be ready to audition for Disney Studios.

And while the Senate has been building its Mickey Mouse image for sometime, it made perhaps its greatest stride in that direction Wednesday night.

First, some background information. On November 13, Senator Bruce Harvey introduced a resolution calling for the repeal of the controversial ABC/No Credit grading system.

Harvey's move was a commendable one—Senate action on it, however, has been something more than a farce.

The first blunder in the Senate's comedy of errors over the resolution was committed by Senate President Larry Tilley.

Student opinion on the ABC/No Credit system has not been difficult to gauge since the facts about it were brought to light. It has been both widely and hotly criticized. In light of that, Tilley should have moved immediately and called for a voice vote on the resolution. It would no doubt have been either unanimous or very near so, in favor.

But instead of treating the resolution as a resolution, Tilley decided to treat it as a bill and therefore sent it to committee. That effectively blocked any action on the measure until the next Senate meeting three weeks later.

And that was when Mickey raised his head highest. When asked by Tilley for the Academics committee report on the

ABC/No Credit resolution, Chairman Glenn Harmon replied that the bill had not yet been formally acted upon by the committee. Harmon cited notification from the Provost Nash Winstead to the effect that no action would be taken by the administration on the system until late spring as justification for his committee's lack of action.

Such reasoning, when looking at an overview of the situation, comes across as clearly ridiculous.

First of all, in regard to Winstead's "leave it alone" message, the Chancellor can act on the matter any time he sees fit to do so.

Secondly, the Senate is treating a simple resolution as if it were a major act of Congress. It (the Senate) seems to believe that it is making the absolute and final decision on whether or not ABC/No Credit is to be repealed. In reality, of course, all the Senate can do is formally call for the system's repeal.

But instead of taking an important step toward getting the ball rolling on the ABC/No Credit issue, the Senate chooses to mire itself in pompous, self-important procedural guidelines.

So as it stands now, no action can be taken by the Senate on the measure until late January—they have wasted away the entire fall semester.

And while the Senate found it impossible to act Wednesday night on the ABC/No Credit issue, it did take care of another problem of extreme concern to the student body. In a landmark legislative move, the student solons banned smoking in the Senate Hall.

In short, both the Senate's actions and inactions of late make its Mickey Mouse image seem justified. Unless the Senate changes its ways, they might as well start showing "Spin and Marty" movies as a frugal feature of their meetings, and invite Annette Funicello to be a guest speaker.



In case you missed it ...

Penny Hartly, an Army private, last week completed the 101st Airborne Divisions rugged air assault course, thus becoming America's first combat-ready woman. Federal law at present prohibits the Army from assigning women to combat duty. But if the law is changed, Penny will be ready.

"She made it on her own, without any special treatment," commented Maj. James Daily, commandant of the assault school, "except to be allowed to use the WAC latrine."

"It was something to do," stated Penny. We presume she was referring to the assault course.

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Founded February 1, 1928 with A. F. Trice as the first Editor. The Technician is published Monday, Wednesday, and Friday during the school year, except during holidays and exam periods, by the student of North Carolina State University.



Last night David Thompson set a new ACC scoring record pumping in 57 points in the 144-88 romp over Buffalo State. His 27 field goals also set a new ACC mark.

They're at it again...basketball

Covering SPORTS

They're at it again...the basketball team that is. They're taking out their winning ways on all these poor teams that really don't know any better.

LAST TUESDAY, THE Pack was in Asheville for a Civic Center dedication game against the Bulldogs...of course they won, 111-68.

Let me tell you all that this is being written before the Buffalo State game was played. I'm pretty sure we won the game, but by how much well, only those that were there will know.

And I hope many of you did find out just who is Buffalo State.

In that UNC Asheville game David Thompson scored his varsity career single game total of 42 points.

"I TOOK BETTER SHOTS," he stated on the return trip home. "I was facing the basket more instead of taking shots falling away."

At the start of the game things seemed a little slow but soon the Pack opened up and built up a large lead it was to keep for the

by Jim Pomeroy
Sports Editor

rest of the night. Asheville has started against the Pack in a zone defense.

"It took us a while to get adjusted," continued the superstar. "We tried new things. But we run the same type of offense against a zone as we do against a man-to-man."

PHIL SPENCE HAD another good game up in that mountain town.

"He's working harder," stated Thompson. "And he's gaining confidence. He is fitting in smoothly with the rest of the team. And by being more confident he is becoming more aggressive. He knows he has a job to do and he is doing it, because he is inspired."

"Last year," he continued, "he was a little timid, but now he feels he can play with anybody."

Saturday, State hosts Virginia.

"THEY'RE PRETTY tough," Thompson stated. "They have a great offensive player in (Wally) Walker and a great guard in (Billy) Langloh. It will be a conference game and they'll be trying hard to get that conference win. They'll be pretty loose though being the underdog."

Prior to the varsity game the State women's basketball team will take on Virginia. That game is scheduled to get underway at 5:30 p.m.

Students may be interested to know that tickets are available to just about every game to be played over Christmas break. The Reynolds Coliseum box office will be selling tickets to all games over the break. The Duke-State Doubleheader tickets are half priced and the Big Four tickets are full price.

Kathy Bounds: Robust senior aids in women's intramurals

by Ray Deltz

Although Pack assistant basketball coach Eddie Biedenbach is generally recognized for his excellence in recruiting top grade basketball prospects to Wolfpack country, it seems as though his recruiting tactics, some four years ago, enabled him to land a future professional golfer.

Biedenbach, an avid golfer, met senior Kathy Bounds at a golf tournament, in which she was participating.

"I MET Eddie at a tournament, and he told me that State had one of the best intramural programs in North Carolina," she said.

Bounds, who maintained a four handicap the end of last summer, found time in between nines, to serve as Supervisor for Women's intramurals the past two years. This job encompasses a great deal of responsibility, especially with the growing number of women on campus and fourteen athletic events throughout the year.

"My job is to supervise each game and every sport," expressed Bounds. "I also work on scheduling games, as well as trying to keep participation on a high level. Generally, I assist Lynn (Berle, Women's Athletic Director.) It really takes two people to do the job."

BOUNDS GOT HER real start in athletic administration as the Athletic Director for Lee Dorm three years ago. Yet, with the increased enrollment of females on campus, Bounds wanted to lend a helping hand in encouraging participation in women's athletics.

"Women's intramurals have really grown over the years, especially volleyball," said the Recreation major. "But our major obstacle is getting the girls to participate."

"They have to realize that we're talking about competing on a collegiate competition level," Bounds continued, "but that it should be an enjoyable experience. If we can just get the girls to come out one time,

then at least it's a learning experience."

THE ROBUST SENIOR, who has competed in football, field hockey, badminton and soccer so far this year, serves as President of the Intramural

The board, comprised of seven women and six men, handles gripes and grievances from all intramural organizations on campus, male and female alike. The board then attempts to formulate a solution to iron out the problem.

"I think a woman is capable of doing the job just as well as a man," said Bounds. "But if you limit a woman from an opportunity, she's not going to be qualified."

YET ONE OF her major goals in life is to attain the status of a professional golfer. Ever since she was a tot, Bounds worked with Peggy Kirk Bell, a former professional, who now manages the Pine Needles Golf Club located in the Sandhills resort area of North Carolina.

"After seeing the pros, I set my ambitions high," said Bounds. "But if you don't make it (the professional tour), there's nothing to fall back on. That's why I consider my education at State quite important."

Although Bounds has challenged most golf courses in the Raleigh area, she puts most of her playing time in at the Raleigh Golf Association (RGA) course. Playing on the Junior tour, she has been a participant in several tournaments in North and South Carolina.

SOMEDAY SHE would like to travel to courses in Florida, Texas and California and become a member of the professional tour. Following graduation, the Raeford native plans to go to golf school for six weeks, then take an examination in order to obtain an LPGA (Ladies Professional Golf Association) card and gain profes-

sional status.

"I have confidence in myself," said Bounds, who lowered her handicap from six to four over the summer. "I never will be happy until I can prove it to

myself that I'm capable of playing on the tour. If I put the time into it, practice time, I think I could make it."

"Attitude and sportsmanship are also important in gaining

the LPGA card," she said.

So, the next time you read the sports page, read the Women's Golf results and you will find that Kathy's bound to be a winner.

Wrestlers win opener

State's wrestling team won its opening match of the season last Tuesday night—defeating Pembroke State, 19-16, in a close contest held in Reynolds Coliseum.

OF THE 10 WEIGHT classes, the Wolfpack won four, lost four, and drew two.

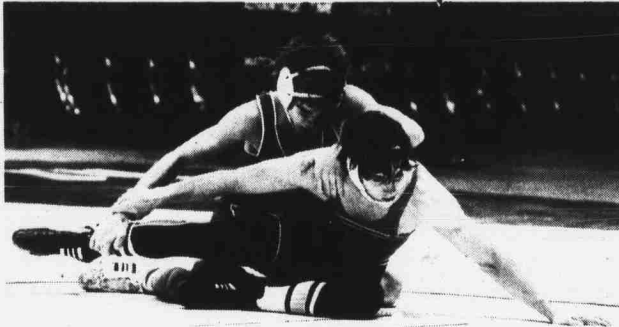
Newcomers Clay Fink at 134 pounds and Jay Martin of the

142 weight division, and veterans Howard Johnson at 167 pounds and Robert Buchholz of the 177 pound division were all victorious over their opponents.

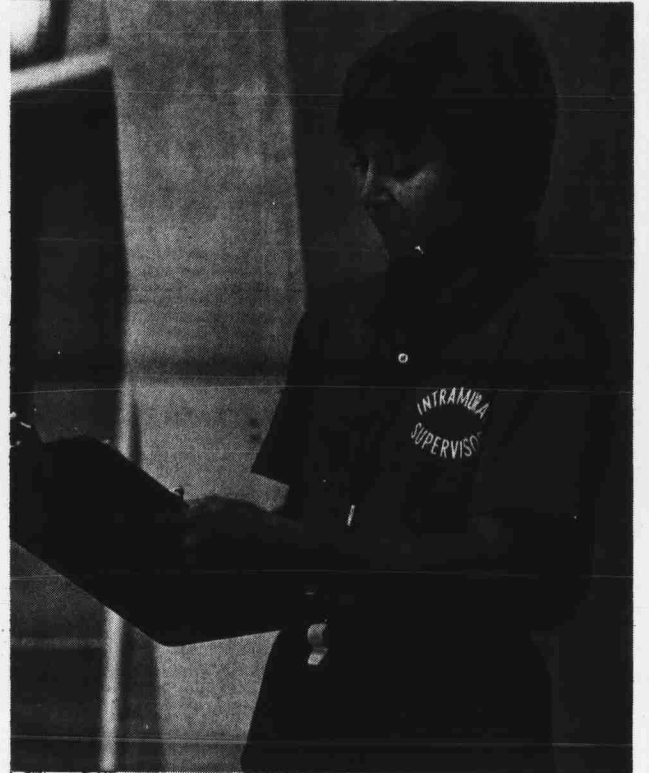
DEFENDING ACC 142 pound champion Paul McNutt wrestled to draw in the 150 pound class, as did freshman Lynn Morris in the heavy-

weight division. Jeff Stallings at 118, Rod Buttry at 126, Terry Reese at 158, and Toby Atwood at 190 all recorded losses.

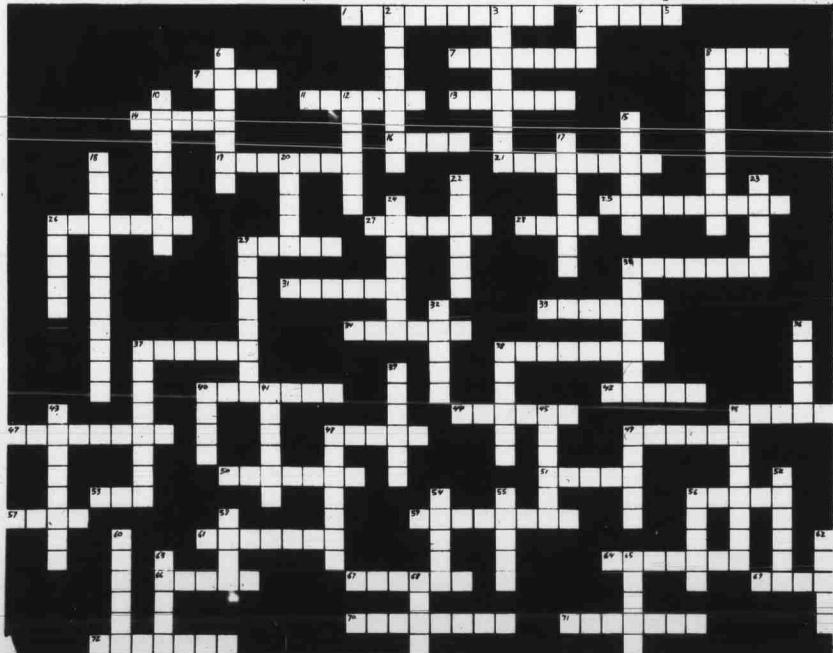
State's next wrestling match is in the North Carolina Collegiate meet in Chapel Hill today and Saturday. The next home match is January 11 against Howard University.



Stan Stallings gives his Pembroke State opponent a rough time.



Kathy Bounds



football crossword puzzle

The first person to turn in a correct solution to this football puzzle will receive a prize valued at \$5.00. Members of the

campus publications are not eligible for the prize. Turn in solutions to the sports desk in the Technician office, suite 3120 of the Student Center.

ACROSS

1. FORMER NEW YORK SECOND BASEMAN
2. QUARTERBACK TURNED RECEIVER
3. SECRETARY OF AGRICULTURE
4. FOOT IS TO TOES AS IS TO FINGERS
5. SAME AS 46 ACROSS
6. MOVIE RATINGS FOR ADULTS
7. ONE, TWO, HIKE
8. A WOLFS DEN, AND RICH
9. FORMER STATE BASKETBALL COACH
10. WHERE HAVE THE HASES GONE MRS.
11. LIBERTY BOWL STAR, TOWN NORTH OF RALEIGH
12. FIRST YEAR COACH AT STATE
13. SPRING RELIGIOUS FESTIVAL
14. SAME POSITION AS 7 ACROSS
15. FAMOUS BOY DETECTIVES, TWO OF THEM
16. WHAT A SUBMARINE DOES TO GET TO THE TOP
17. "LET'S NOT — POINTS"
18. SIXTH YEAR SENIOR
19. INITIALS ARE A KIND OF COLA, RICHARD —
20. BRIDGE IS FALLING DOWN
21. WALKED IN BROTHERS FOOTSTEPS
22. TOMMY'S TEAMMATE IN SEATTLE
23. GIVE US THIS DAY OUR — BREAD
24. RUNS LIKE THE HASES IN HIS HEAD
25. MANAGED BOTH METS AND YANKEES
26. COACH THAT HAS BEEN TO TANGERINE AND PEACH BOWL
27. THIRD SMALLEST ON THE TEAM
28. "REMEMBER THE —"
29. NOT ONE OF THE TEXAS TYPE
30. "GO JUMP IN THE —"
31. — OF HOPE
32. EITHER DAVID OR DARRELL
33. MIDDLEGROUND BETWEEN BLACK AND WHITE
34. JACK ANNOUNCES FOR CBS
35. ACC PLAYER OF THE WEEK AGAINST SYRACUSE
36. FAMOUS POLITICAL FAMILY
37. DEFENSIVE STANDOUT OF 1967 HOUSTON GAME
38. SAME AS 11 ACROSS
39. FAMOUS GERMAN RIVER, A COACH
40. SOCCER STYLE KICKER
41. ALEX PLAYS BB, RON PLAYS FOOTBALL
42. DEFENSIVE STAR OF PENN STATE GAME

DOWN

1. LEFTY FROM CORNELL
2. SCARED OF FAIR CATCHES
3. FERTILIZER IS USED TO HELP THINGS —
4. NUMBER NINE
5. WOLFPACK'S 84-YARD DASH SPECIALIST
6. WILDEST MAN IN CAPTIVITY
7. WAS ALMOST A VOLUNTEER
8. BOWL BID WE BLEW
9. HAIRCUT
10. STATE HEAD RECRUITER
11. MISTER
12. FRUIT THAT MADE WASHINGTON FAMOUS
13. MOST YARDS PER CARRY
14. CAPITAL OF MISSISSIPPI
15. ASSISTANT COACH, FIRST NAME NOT HAZEL
16. "HIGH POINT" OF HIS LIFE
17. SAM OF NAZARETH
18. EAST LIVERPOOL, OHIO NATIVE
19. HENRY CABOT —
20. BROTHERS
21. BETTER THAN HEAVENLY, IT'S —
22. ON THE CHICAGO BEARS HE WAS VIRGIL
23. A FORMER NEW YORK LINEBACKER
24. JOE NAMATH'S FAVORITE DRINK JOHNNY —
25. GOT THE GAME BALL AT AGE 63
26. RELIGIOUS CENTER
27. THE TURK
28. one who protects the goal in hockey
29. ONE WHO PROTECTS THE GOAL IN HOCKEY
30. FIRST MAN ON THE ROSTER
31. WAS WITH THE SEVEN DWARFS
32. POLO
33. OSCAR — WEINER
34. NOT BIG BUT —
35. WON \$300,000 PLAYING GOLF IN 1974
36. A KIND OF WINE
37. — OF BANANAS OR HERMAN —
38. MAGAF BACKWARDS
39. ALWA' S PUTS HIS BEST FOOT FORWARD

