

THE STING

SOUTHERN TECHNICAL INSTITUTE

MARIETTA, GEORGIA

WGHR - FM

Construction for the implementation of WGHR-FM 102.5 began last week and is now nearing completion. Physical Plant employees have been working in conjunction with the radio staff in erecting new broadcast and operations facilities.

The photo at right shows the early construction phase of the new broadcast studios found in the lower level of the Student Center adjacent to the recreation room.

Lee Blaylock, General Manager of WGHR (Green Hornet Radio), is asking that all students interested in radio broadcasting or station operations come by the studios during normal operation hours and apply for a position. Positions to be filled include announcers and DJs, technicians, writers, news reporters, public relations, fund raising, and traffic director (division of programming). Requirements for staff positions include being a student at S.T.I. and a willingness to work one hour a day or five hours a week.

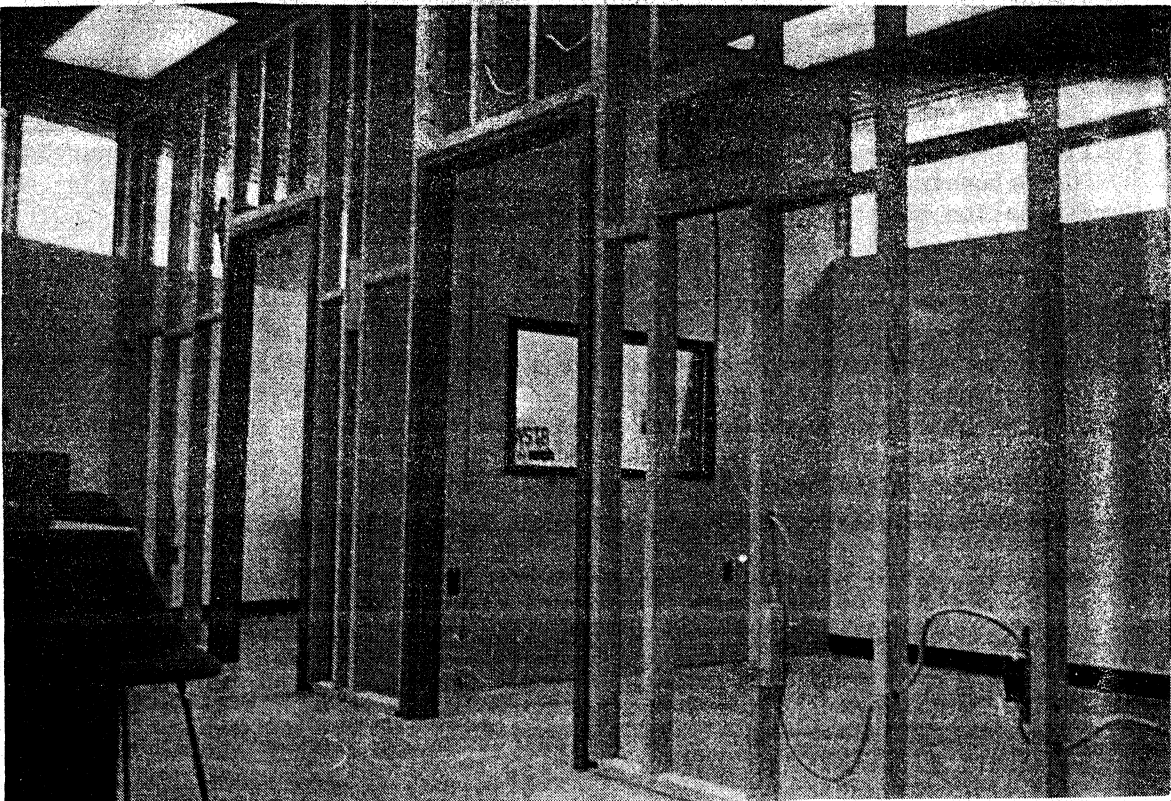


photo by Abbas Toosarvandani

WGHR plans to start broadcasting FM the first day of Fall quarter. Stop by the studios and give a look. Maybe you,

too, can begin an exciting career in radio broadcasting!

Meet John Cochran - Who?

by Terry W. Drayton

John Cochran is the President of the Student Government Association. He is a positive individual and is very concerned about student participation in Southern Tech's growth.

John is a junior majoring in Electrical Engineering Technology. Before coming to S.T.I., John attended several other schools, including Valdosta State, Kennesaw Jr. College (where he was an S.G.A. president) and Floyd Jr. College. Before deciding to attend Southern Tech, John worked for ten months with Cartersville Electrical Company in his hometown of Cartersville, Georgia. John is a member of the TAU KAPPA EPSILON fraternity. His hobbies are golf, frisbee, and running. He even played in the Florida Mini-Tour on the Professional Golf Circuit.

John decided he wanted to be S.G.A. President when he discovered how apathetic students were. He felt that he could do a better job in bringing about needed changes. He feels that it is important for students to get involved in organizations and other school activities. He says that there are three types of people—those that sit around complaining about what is happening, those who participate in what is happening, and those who are wondering what is happening. He would like to see everyone actively participating. John feels that apathy among students is a major problem on campus. Students are cheating themselves out of a well rounded education by not getting involved. For the upcoming academic year,

1980-1981, John says his major project will be working with Dean Smith and Marion Glover, an executive Vice-President for Coca Cola, in trying to establish an Executive Round Table. An Executive Round Table is essentially a meeting of minds from different levels of the school system consisting of equality, informality, and free discussions. The group will be made up of outstanding faculty members, administration, industry leaders and selected students. The group will meet several times per quarter to discuss special topics and themes and develop questions and suggest answers. The main purpose is to help faculty members prepare their curriculum in accordance with the needs of industry, to help students earn about industry and give industry an opportunity to meet future employees and faculty members.

According to John, the new President-elect, Dr. Stephen R. Cheshier was the most proficient choice of all the candidates interviewed. "Dr. Cheshier will be a great addition to this campus and I feel he will head this school in the right direction. I will work with him in that I will be an informer. I will inform him of what is happening and what was happening here at Southern Tech."

As for faculty-student relationship, John sees himself as a mediator. He considers himself a "go-for". He says he will deal with student-

faculty problems by questioning the student and the faculty member involved and if there is no immediate solution, he will take it to the administration. The President of the S.G.A. is most immediately answerable to the Dean of Students. John feels that he is responsible to the students' demands, therefore his office door is always open to students. The S.G.A. represents all students and oversees all organizations on campus.

In addition, over the years the S.G.A. has been the focal point of many events such as separation from Georgia Tech, and in getting a new Student Center established on campus.

Now that you have met your S.G.A. President, give him your ideas and support his efforts. Most of all, be less apathetic and get involved with school activities. Be a part of what is happening around you.

Enrollment Slows For Blacks, Hispanics

Compared to the early years of the 1970's, the rate of black enrollment in colleges and universities has slowed considerably. By contrast, the recent participation of Hispanics in higher education has increased substantially, particularly in Florida and Texas, where nearly 9 out of 10 of the South's Hispanic students are

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Editorially Speaking: Let's Be Fair, Coach

by Steve M. Thornton

Intramural sports at Southern Tech are one of the very few available extra curricular opportunities for students living on campus. They provide a creative, as well as healthy outlet for all of the pent-up energies we all feel when we've spent hours studying for our next exam(s). How awfull life would be for the dormitory residents if there were no organized means of venting our stored energies on sports such as basketball, softball, bowling, and, of course, the ever popular football.

Unfortunately, there is very little organization about the intramural program on campus. Well, at least that's the way of the past year's program. When asked for specific times, dates, and locations of the various activities for intramurals, the most commonly heard answer from the program organizers has been, "We really don't know, yet." Or, as was the case when The Sting wanted to print softball and

bowling schedules for interested students and asked the student coordinator for such information, the reply was a hostile, "We don't have time for you!"

With that kind of attitude towards public relations, is it any wonder that Coach Perides, Director of Intramural Activities, was disgruntled to find that only a handfull of students turned out at the annual awards banquet held at the end of Spring quarter. Or that a large percentage of those who did show were not even participants in the programs, but were merely interested in the free meal included in the banquet?

When Coach Perides stood before the the "small turnout" of students and chastised the student population for non-support, perhaps he should have been made aware, or reminded, that it was a gross lack of communication, not student apathy, that produced a small turn out.

There was literally no way at all of knowing a time, date, or place that the banquet was to take place. There were no announcements of the event on the bulletin boards, no spot announcements over WGHR (the campus radio station), and no word of it in The Sting.

Was this ALL the fault of "the students", or even the media service? No!

In fact, there were no press releases at all to inform the students of anything about a banquet, any awards, or anything even remotely related to an awards banquet.

Come on, Coach, give us a break. The students at S.T.I. are tired of the administrative cop-out that it's all our fault when the program administrators fail to do their jobs correctly. Instead of treating us with the possibility of discontinuing the awards banquet, first try letting us know about it, so that we at least have the option of supporting or not supporting one.

Private Concert

Tuesday night, July 29, a Coffeehouse was presented in the Student Center. The House featured the duo Silent Partner. In my opinion, one of the best duos that I have ever heard.

The attendance for this event consisted of about fifteen people, at the most!! Considering that 1100 students are enrolled this quarter, the percentage attendance is negligible.

The students are paying for events of this type through the Student Activities fee. You the students are paying for something that you are not taking advantage of.

I am glad there are people on this campus that have so much money that they can just throw it away. I'm glad because I thoroughly enjoyed having a private concert and hope to have more as long as no one takes notice and attends.

Thank You,
John Cochran
SGA PRESIDENT



photo by Abbas Toosarvandani

IT LOOKED SO GOOD...while it lasted. Now when I drive onto campus through the main entrance I am once again greeted with a subscript. "A Unit of The University System of Georgia", as if trying to offer a supportive hand, however dwarfed it seems to appear, glares out in lieu of the displaced "A Unit of The Georgia Institute of Technology".

How proud and distinguished it looked just weeks ago when the name stood alone! No verbal "crutch" underneath. Just that name. Our name:

SOUTHERN TECHNICAL INSTITUTE, period.

It looked great! At least let's see if we can get the proportions correct. Somehow, it looked better before.



At Left: The summer heat, and a severe drought may be tolling damage to our lawns and gardens but somehow dear ole Mother Nature always seems to have her refuges. This is one on S.T.I.'s "front" lawn. Plenty of shade and always a good breeze (if not from the wind, then from the trucks passing by). Ah, sweet repose.

photo by,
Abbas Toosarvandani

The Sting

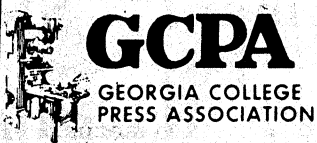
Steve Thornton - Editor

Mike Payne - Assistant Editor

Candy Jennings - Typist

Terry Brayton - Writer

Dr. Carl Barnum - Advisor



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Opinions expressed are those of the writers or special contributors. Signed columns are solely the views of the writer. All articles must be signed. The author's name will be withheld upon request.

from page 1

Enrollment

enrolled.

Among black students, full-time enrollment actually decreased slightly both in the nation and the South between 1976 and 1978 (the most recent year for which data are available), according to a new report from the Southern Regional Education Board (SREB). However, these declines were offset somewhat by part-time enrollments, which registered a 16 percent increase among blacks in the South--more than double the increase among blacks nationwide (see Table 1).

"Trends among black students are increasingly reflecting those observed for the student population as a whole," notes James R. Mingle, Southern Regional Education Board

research associate, in Black and Hispanic Enrollment in Higher Education, 1978: Trends in the Nation and the South.

By level of study, black enrollment in the nation and in the South varied as follows between 1976 and 1978:

- + At the undergraduate level, Southern enrollment statistics showed an increased preference among blacks for study in agriculture, architecture, engineering, environmental design, and natural resources, but enrollments in the biological sciences and physical sciences declined by 4 and 5 percent, respectively;
- + In graduate level programs in the South, the number of blacks en-

rolled was unchanged, but nationwide there was a decline of almost 3 percent (see Table 2).

- + Black enrollment in first professional programs in Southern institutions increased by about 8 percent in the two-year period, with largest gains occurring in dentistry and veterinary medicine.

Of all black students in the South, the percentage attending predominantly black institutions has declined steadily over the past 20 years. However, 1978 signaled the first numerical drop in total enrollment in the traditionally black institutions--about 4 percent.

Hispanic enrollment in Florida and Texas, meanwhile, is growing faster

Table 1
Black Enrollment in Higher Education
United States and SREB States, 1976, 1978

	United States			SREB States		
	1976	1978	Percent Change	1976	1978	Percent Change
Full-Time	659,597	654,604	-0.8%	309,080	307,532	-0.5%
Part-Time	375,083	401,360	7.0	116,500	134,941	15.8
Totals	1,034,680	1,055,964	2.1	425,580	442,473	4.0
FTE ¹	798,348	803,107	0.6	352,185	357,460	1.5

¹Full-time-equivalent (FTE) enrollment.

Source: *Fall Enrollment and Compliance Report, 1978*, National Center for Education Statistics.

Table 2
Black Enrollment by Level
United States and SREB States, 1978

	United States		SREB States	
	Total	Percent Change 1976-1978	Total	Percent Change 1976-1978
Undergraduate	968,059	2.4%	407,545	4.3%
1st Professional	11,424	2.2	3,420	7.9
Graduate	76,481	-2.6	31,508	0.0
Totals	1,055,964	2.1	442,473	4.0

Source: *Fall Enrollment and Compliance Report, 1978*, National Center for Education Statistics.

Table 3
Hispanic¹ Enrollment in Higher Education, by Type of Institution, 1978;
Percent Change, 1976-78; Hispanics as Percent of Total Enrollment;
Percent of Total Hispanic Enrollment in Region; Hispanics as
Percent of Total Population; United States and SREB States

	Total Enrollment 1978	Percent Change 1976-78	Percent of Total Enrollment	State Percent of Region's Hispanic Enrollment, 1978	Hispanics as Percent of Total Population, 1976
United States	541,270	12.8%	4.8%		5.3%
SREB States	115,870	17.3	3.9		5.4
South as a Percent of United States	21.4%				
Alabama	525	59.6	0.3	0.5%	0.2
Arkansas	267	81.6	0.4	0.2	0.5
Florida	27,015	35.9	7.2	23.3	7.9
Georgia	906	39.8	0.5	0.8	0.5
Kentucky	391	22.2	0.3	0.3	0.2
Louisiana	2,038	8.9	1.3	1.8	2.2
Maryland	2,018	49.2	0.9	1.7	0.8
Mississippi	131	35.1	0.1	0.1	0.3
North Carolina	1,022	32.6	0.4	0.9	— ²
South Carolina	332	76.6	0.3	0.3	0.2
Tennessee	663	57.9	0.3	0.6	0.3
Texas	78,954	10.3	12.0	68.1	20.8
Virginia	1,441	43.4	0.6	1.2	1.1
West Virginia	167	-12.1	0.2	0.1	0.3

¹Hispanics as defined in the HEGIS surveys are persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.

²Hispanics represented less than one-tenth of one percent of the total population of North Carolina in 1976.

Sources: *Fall Enrollment and Compliance Report, 1978*, National Center for Education Statistics; *Current Population Reports*, U.S. Bureau of the Census, Series P-20, No. 334 (Spring 1976).

than that of either blacks or whites. In the South as a whole, Hispanic enrollment grew 17 percent over the recent two-year period, and 13 percent nationwide (see Table 3).

Among Hispanic undergraduates, business and management claimed a large portion of all enrollments in 1978 in the nation and in the South, but in the sciences and in engineering, Hispanic participation is slight. In 1978, for example, Hispanics represented 1.3 percent of undergraduate engineering enrollments in the South.

In 1978, Texas accounted for 68 percent of all Hispanic enrollments in the South; institutions in Florida enrolled 23 percent. The 106,000 Hispanic students in these two states were largely concentrated in public institutions; well over half of these enrollments were in two-year schools. As the college-age population of Hispanics grows and participation rates increase, the report states, a more diverse set of higher education institutions in the South can expect to see increases in enrollment of Hispanics.

Little Sisters Throw Party

The lit sisters of the TAU KAPPA EPSILON would like to welcome all the new and returning students to S.T.I. this summer.

The Sisters would like to invite the ladies on campus to visit with us at our meetings. We meet every other Thursday night, 8:30 pm, at the TKE house. For information or directions you may call the TKE house at 424-1979. Our next meeting will be August 14.

We would like to invite anyone interested in TKE to come out and help us with the projects in line for Fall quarter.

The order of Diana will be throwing a party at "Crowley's Hunt Club" on

Franklin Road, Thursday, August 7, at 8:30 pm. All the Brothers are invited. Have a "Hot" summer!

"Can heart attacks be prevented by lowering cholesterol?" is the question facing a team of University of Arkansas researchers conducting a study of the relationship between heart disease and cholesterol.

Most heart trouble results from atherosclerosis or hardening of the arteries. A clue to the cause of atherosclerosis may be that cholesterol, a fatty substance, is found

FOR SALE:
ACCORDION - Silvio Soprani Model 3604 made in Italy. With Violin and Organ Keys. Includes case. ALL IN GOOD CONDITION. \$250.00 See Anne Westlake in Dean of Students Office. 424-7225.

in the diseased arteries. However, it is still uncertain whether cholesterol lowering can actually prevent heart attacks.

The University is seeking persons who have had only one heart attack in the past five (5) years and who are between the ages of 25 through 64. Anyone interested in more information may call the University of Arkansas Hyperlipidemia Study collect at (501) 661-5291.

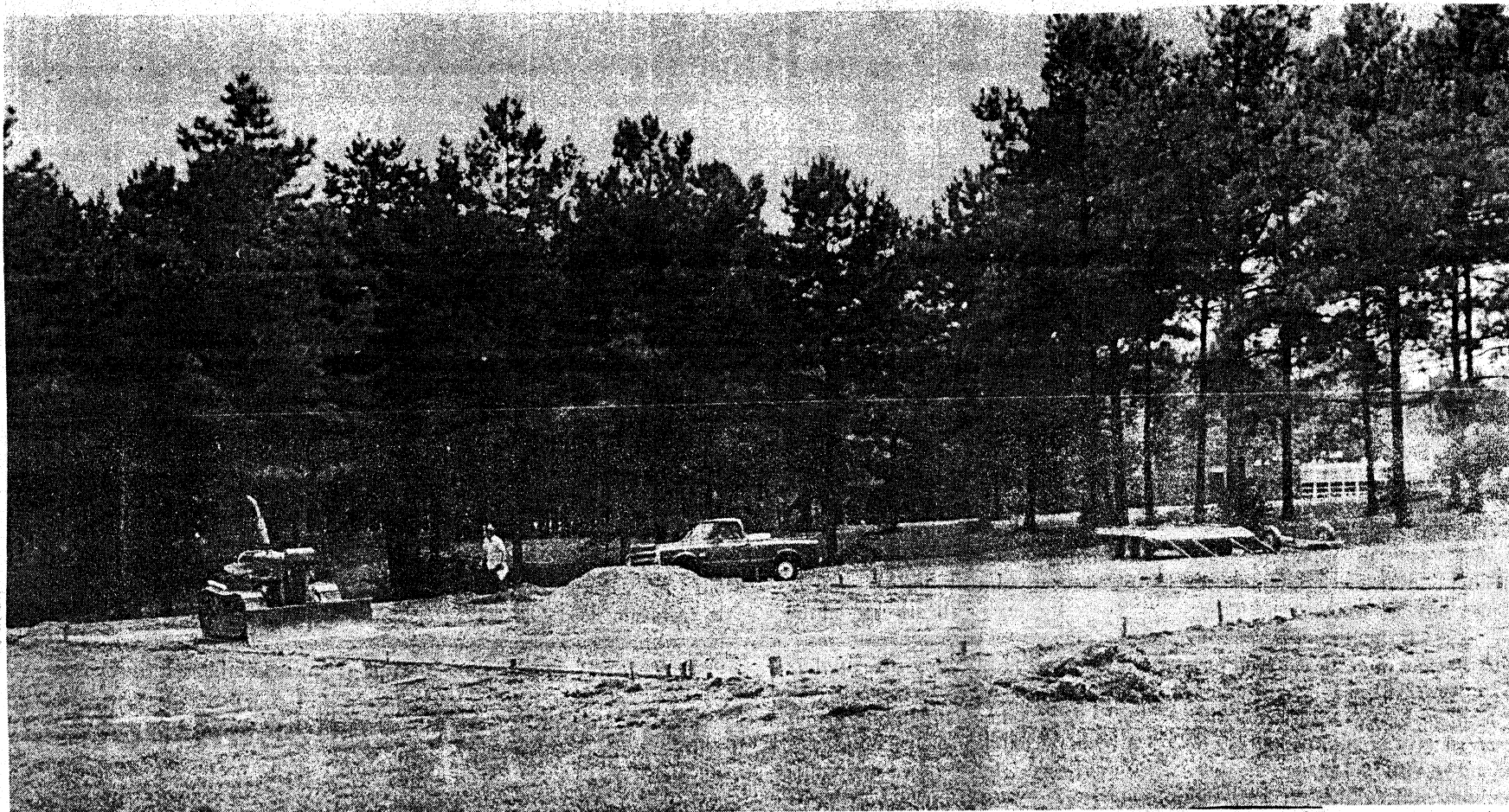


photo by Abbas Toosarvandani

Construction workers have now neared completion on the new full court basketball surface to be used primarily by dormitory residents. You asked for it..... you got it. Thank You, Coach.

Co-op, Placement News

Interviews scheduled on campus for the remainder of this quarter as follows (others will be announced as received):

Monday, August 4 - Hughes Aircraft (Radar Group) - EET, IET, MET

*Tuesday, August 5 - United Merchants - EET, IET, MET, A&TET - Group Meeting at 8:00 AM in Student Center Ballroom

Thursday, August 7 - Colonial Pipeline Co. - CET, EET, MET

Friday, August 8 - Newco, Inc. - 8:00 AM Group Meeting in Student Center

Room 119/120 (Read their folder; must attend this meeting if interested)

Wednesday, August 13 - Hughes Aircraft - (Electro-Optical & Data Systems Grp.) IE

Notebooks for all these jobs are posted. Read instructions and sign up if interested. Leave your resume in notebook for all campus interviews you schedule.

Corps of Engineers will be on campus Tuesday, August 12, to interview students for Fall quarter co-op jobs. Any degree will be considered. To sign up, see Mrs. Cochran, Rm. 125.

Other co-op openings as follows:

Flagler Company - AET, CET

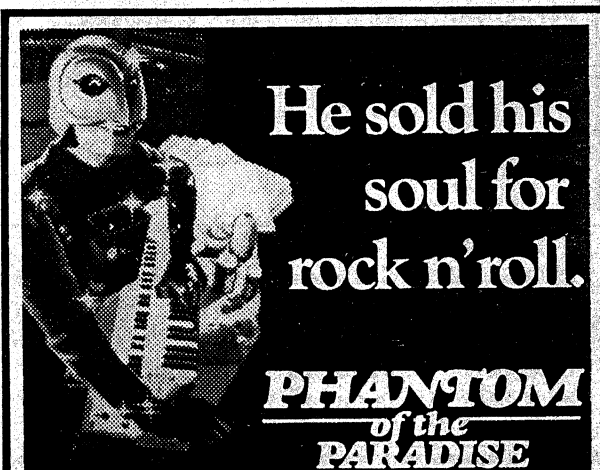
W. L. Thompson - MET

- Hewlett Packard - EET

Southern Railway - CET

Short Term Loans

Ms. Glover, of the Student Financial Aid Office would like to remind all students interested in applying for a Student Short-Term loan that the deadline for submitting an application is September 1, 1980. Any applications received after this date will be accepted on a first-come, first-served basis.



FREE ADMISSION, TOO

August 7th, 4 & 9:00 pm in the Student Center Ballroom

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STINGERS

from de Caux

M. Salehi is the first to solve STINGER #7 and the third to solve #15. He also turned in a partial solution to #18. Supat Ratana-jantra is the first to solve #17 and Bill Beebe (or is it his TI-58C ?) is the first to solve #18 completely. That leaves only #9 and #14 unsolved. Quite a busy fortnight! I should mention that I have received several nice schemes for finding the defective pearl in problem #17, but Supat's plan required the fewest balancings! Now here's our new STINGER:

"How many steps are there in sight on this escalator?" a woman asked her husband. "They certainly are difficult to count while they're moving," he said. "But if you will walk up and count the number of steps that you take from bottom to top then I will start with you walking twice as fast. Just watch me and take one step for each two steps of mine. I think that we can then answer your question!" She took 21 steps and he took 28. How many steps were there in sight at one time on the moving staircase?

United Merchants Visit

United Merchants representatives Lou Brissie, Personnel Specialist, and John Manuel, Head, Industrial Engineering, will be visiting STI on August 4 and 5, to discuss employment opportunities and careers for the graduates. They will visit the department heads of A&TET, EET, IET and MET to express an interest in our college and discuss how to improve recruitment practices to meet their technology manpower needs.

On Tuesday, August 5, at 8:00 AM Mr. Brissie and Mr. Manuel will present an orientation program about opportunities with their company. This program will be in the Student Center Ballroom and interested students and graduates are invited to attend.

Interviews will be in the Placement Office following the orientation program.

P/T Work at Lockheed

Lockheed representatives will be on Campus Wednesday, August 6, 9:00 AM to interview students for several part-time jobs for Fall quarter.

Any degree will be considered. To qualify, a student must have a 2.5 or better cumulative GPA and have completed at least 100 credit hours.

If interested, sign up with Mrs. Howard in Placement Office, Room 122.