

THE ENGINEERING TECHNICIAN



VOL. XXI

Southern Technical Institute, Marietta, Ga., September 30, 1968

No. 1

LONG AWAITED LIBRARY FEATURES ULTRA MODERN DESIGN

News Editor Welcomes Frosh

By M. Loudermilk

Freshman: In case you haven't heard it yet, welcome; if you have, ditto. You have probably heard rumors about this school already from veterans, Profs and various other grapevine sources. I must warn you though, if you hear any good we must check them out for authenticity.

I shall, in the remaining portion of this "column", try to inform you on certain facets of this school so your first few weeks can be bearable.

Language:

As you will soon discover there are many terms which are used at STI frequently. Without knowledge of these a person would remain a Spiro Agnew throughout his stay here due to a lack of communications. These include: Prof-professor; Ptomaine tavern-cafeteria; Goatshed-administration building; Luke's place; Deputy Dawg - don't worry, you'll find out; Mother Tech-Georgia Tech; Females - (we still haven't discovered this one yet).

Organizations:

As certain people have certain interests and/or talents, certain clubs have been initiated for certain reasons. These include: The Engineering Technician, WSTB, Alpha Beta Sigma, Alpha Mu Sigma, Eta Alpha Gamma, Sigma Chi Tau, Epsilon Di Chi, Institute of Electrical and Electronics Engineers, Delta Tau Phi, American Society of Tool and Manufacturing Engineers, Sigma Delta Phi, The International Club, the Society for the Advancement of Management, the Toastmasters International, Circle "K", the Baptist Student Union, STI Skydivers, STI Bowling league, etc.

Due to lack of space I cannot list all of STI's traits. If you have any questions concerning the schedule, we of the Engineering Technician will be glad to assist you and answer your questions. If we don't know, we'll find out. Good Luck and I hope to see you around.

By Tom Dunaway

The newest structure to be added to the Southern Tech Campus is a modern, fully carpeted, library. The new library is designed to house 50,000 volumes and seat 450 students. The facility at present houses 13,000 volumes and seats 201 students. The library also subscribes to over 300 periodicals.

The books and periodical collections are selected to satisfy the students' leisure reading interest as well as their course work requirements, according to John W. Pattilo, librarian.

The new structure houses many special features, such as a music room, copying facilities, typewriters, an adding machine, and a seminar room.

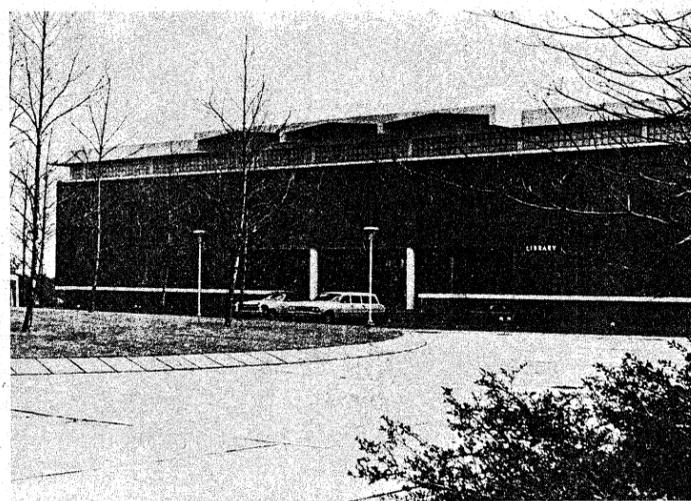
The music room houses a stereophonic sound system and a fast-growing collection of recorded music in many moods,

including classical, light classic, and pop. Also included in the new room is a small collection of spoken-word recordings. The carpeted room is equipped with lounge furniture and individual study tables.

Both Xerox and Denison copying machines are available, enabling students to copy pages from books and magazines at nominal cost. Typewriters and an adding machine are also available for student use.

The seminar room, seating 78, is available for group meetings when arrangements are made through the librarian's office.

"The library is new (opened May 1968) and this incoming class is the first freshman class to benefit from it. I urge the students to use the Library properly, keeping it new-looking and attractive. I would like



Centrally Located Library

to point out that smoking is permitted, even though the building is carpeted throughout, therefore it is up to the students to retain this privilege by protecting the carpet and furniture from cigarette

burns. I would also stress that the building is a place for study and not a place for group conversation. Maintaining quiet is the responsibility of each student," commented Mr. Pattilo.



Typical STI Students

Enrollment Figures Show Increase Over Fall 1967

A tentative estimate of the number of students who will attend Southern Tech this fall shows enrollment figures fairly close to those of the fall quarter in 1967. Mr. L. Y. Bryant, Registrar, says about 1250 students or more will begin classes this month as compared to the recorded number of 1215 students who attended Southern Tech last fall. Of course, no exact number of students can be stated until after registration, but an increase over last year's number of both new and returning students is expected.

There will be about 373 students attending classes for the first time at Southern Tech this fall. About 15% of the stu-

dents enrolled here will be from out of state, and, as always, Southern Tech will have foreign students from all corners of the world. The number of students who are veterans should be close to the number STI had last fall, when 135 veteran students were enrolled.

Mr. Bryant says that if the four-year program for STI should come into effect a considerable increase in students could be expected. This would include not only new students, but also those who wish to complete four years of work here at Southern Tech rather than transfer their credits to another school in order to obtain their degree.

Georgia Tech Senior Heads Nixon Group

Establishment of a new "Student Coalition" group aimed at more effectively utilizing existing campus programs for solving problems facing urban American was announced recently by Republican Presidential Candidate Richard M. Nixon.

Substituting for Nixon at a press conference held at Nixon - Agnew National Headquarters was David Eisenhower, National chairman of Youth for Nixon.

Eisenhower said that the program, which seeks to recruit additional student participation action programs in ghettos, will be headed by Samuel A. Williams, 23, of

Obion, Tennessee.

Williams, who will graduate in December from Georgia Institute of Technology, was national director of Governor Rockefeller's "New Majority" youth - oriented political action group prior to the Miami convention.

Assisting Williams will be John Campbell, 24, a Duke '66 and 1968 graduate of the Wharton School at the University of Pennsylvania. Campbell was vice chairman of the Rockefeller group.

Williams was student body president of Georgia Tech in 1968. Campbell is on leave from the management consulting firm of Price Waterhouse.

STI Welcomes New Full-Time Profs

The math department welcomes Mr. Clarence Head, who has a Bachelor's degree in math and his Master's degree in Ceramic Engineering. Before coming to STI, Mr. Head was employed by Lockheed of Georgia. He is now a full time member of Southern Tech's math department.

The industrial department welcomes to its staff, Mr. who is originally from Savannah, Tenn. Mr. Ivy is married and has a son. He has a Bachelor's Degree in Chemistry from Tennessee Tech and is now working on his Master's Degree at Georgia Tech.

Editorially Speaking

PHIL HALL

"This is my decision; I must decide."

The author of this quotation was not far from wrong—in fact he was exactly right. He had reviewed his problem and had discovered that only he could determine what the outcome would be.

Each and every one of us in the United States, who is registered to vote in November for the person (note I use the noun "person" and not "man") who will be the next President of this nation, has a responsibility to not only himself but also to his fellow countrymen. He may not realize it, but when he goes into that voting booth he will not just be picking another President, he will be deciding the fate of his children and possibly even his grandchildren.

As never before in the history of this country, we have a real choice, we have a three party race, a history making race. However, I did not say we had a good choice for I feel that our choice could be narrowed down somewhat if we start with the good and bad business.

On one side of the fence we have an intergrationist who is trying his darndest to throw, or maybe push is the better word, the races on each other. He can't seem to make up his mind on his Viet Nam policy for he keeps changing his solution to the problem. Then to his extreme, we have a second choice, a segregationist from the South who has no hope of winning the election, but only hopes to throw the race into the legislature. Our third choice in '68 has been termed by many as a "loser," however, he has proven himself time and time again as a true American. He could have given up many times, but kept fighting to get another chance. He won his chance to go at it again and will most likely shock a lot of people by coming out on top. With the kind of determination he has shown and the backing he is receiving from the young people of America he may prove victorious.

The choices in '68 are:

Hubert H. Humphrey
George Wallace
Richard M. Nixon

"Vote your choice, but vote in '68"

Replies to Editorials in the Engineering Technician are encouraged, and any worthy replies will be acknowledged.

Your truly,



Phil Hall, Editor

Letter From The Editor

Fellow Students:

We of the Engineering Technician staff wish to welcome you to Southern Tech. We hope during your stay here you will become an active part of what is now your school.

Southern Tech offers a good opportunity to all its students not only to learn, but to enjoy campus life through many varied activities. We feel it necessary to warn you, however, that life on a college campus may become extremely dull and boring if you continually lock yourself in your room with your studies. On a campus with 99% men you will find it hard to keep busy on those days when a professor goes light with the homework. Varied clubs and organizations are active on STI's

campus: sky-diving, bowling, fraternities, Baptist Student Union, and now forming, a Young Republican's Club.

The Engineering Technician would like to personally invite you to drop by the office Thursday during club period or Tuesday night at six thirty and fill out an application to become a member of our staff. We won't guarantee it to be all fun and games, but we promise you this: you will learn a great deal about your school and you will gain a lot of new friends.

Yours truly,
Phil Hall, Editor

P.S. You need have no previous experience working on a newspaper to join our staff, just a willingness to work and learn.

A HIGHER SHADE OF BRAILLE

THE GOSPEL ACCORDING TO
MILTON LOUDERMILK

I first met Mr. Hall, my editor — or "Sir", as he is often called, on a bleak registration day at the Sam Houston Institute of Technology. "So you want to be a reporter, eh kid?" he said, removing from his mouth the stub of a cigar that had burned so short as to allow its smoke to accumulate under his green eyeshade and develop a green fog.

"No," I said truthfully. "I came to use the bathroom". I had been in a multitude of lines to enter this school, and his was the only indoor plumbing on campus.

"Never mind that," he said. Obviously he hadn't had the privilege of registering. "Let me tell you this: a reporter's life is a hard one. He leads a sad, rough, lonely, miserable life."

"I believe it" I said, and then, because something more seemed called for, "You bet."

"That wasn't called for", he said continuing, "As a reporter you'll be bribed by politicians, mugged by hoodlums, and hated by everybody. Is that the kind of life you want?"

"I . . . kinda like the bribery part," I admitted.

"You'll live off black coffee, get no sleep, develop a bad disposition, and get smoke under your eyeshades," he said, crushing his cigar onto my outstretched palm. "You'll age prematurely, your nerves will go . . . continue reading."

"What's you say that for?" "I dont know, it's what the cue-card said," he replied.

"Anyhow," he continued, "you'll live in constant danger of being shot or run over, and when you die, nobody will give a damn . . . excuse me (for I had blushed) . . . will give a hoot." He went on, "Now, do you still want to be a reporter?"

I readily agreed that I did not. However, after fifteen more minutes of relentless monologue, my blood turned to printer's ink and my shirt sleeves to blotters. I became a reporter, cub class.

My first, and last, assignment was to interview State Senator Eugene "Sugar-cured" Halmage, a militant anti-communist. Senator Halmage had first led an investigation of a Buckhead teacher rumored to have paintings by Picasso in her home. The publicity from that investigation (which ended after six months when the paintings were found to be Winslow Homers) had prompted him to seek re-election.

"Congressman," I said. "I'm from the press."

"Strange", he drawled, "I thought I paid my laundry bill."

"No, like in newspaper", I explained.

"Oh", he snorted. "Grill 'im", he said to his aides. I was rapidly subjected to a number of tests, including spelling, airplane identification, and a dandruff test. Only when I dazzled the group by correctly identifying a profile silhouette of Ralph McGill was I allowed to continue by interview.

"O. K., son, sock it to me,"

he said, blowing a stream of smoke into my face, which immediately impressed me, since he had no cigarette.

"Senator," I said. "About your record in the war . . ."

"War record?" he grunted. "Son, I spent the whole time driving some sergeant's jeep all over Long Island. Hell, I . . . excuse me (for I had blushed) . . . Heck, I never even knew there was a war until I heard Bob Hope was going overseas."

Not understanding completely, I chuckled respectfully and reached for my pencil. "Of course," he cautioned, giving me a karate chop across the knuckles. "This will have to remain off the record . . ."

"Of course," I groaned, flexing my limp hand gently.

Needless to say, when I returned, Mr. Hall, alias "Sir" was immensely displeased with my story, since I had none.

"Well, Sir, I guess I'm fired" I said.

"You can say that again," he growled.

"Well, Sir, I guess I'm fired,"

I repeated. And so I was. But

all is not lost, for he has rehired me to remove trash which accumulates until some strike is over, and there is quite a lot of interesting material here. For instance, here is a letter written to Santa Claus from Virginia somebody wanting to know if there really is a Spiro Agnew. Oh well, back to the dump.

EDITORS NOTES

The Administration has announced an increase in the cost of a meal ticket from \$130.00 to \$135.00 per quarter, effective now. The forced increase in the minimum wage, the constantly rising cost of food, and higher operating expenses have made the increase inevitable.

Anyone who has completed four quarters of work at Southern Tech with at least sixty credit hours and has a 1.60 average may order his ring in the book store Thursday, October 3, 1968. If you have been at STI five quarters and have only completed sixty hours credit, you must have a 1.70 point average.

If your ideas go mod and you need an outlet to let your imagination run wild - join the Futuristic Staff of The Technician's Log.

The Technical Student's Creed

I intend to seek the finer things of life.

I believe that during my pursuit of technical knowledge and skills I will achieve mental, physical, social, moral and spiritual growth.

I believe that the amount of growth will depend upon the strength of my effort and the depth of my interest. I intend to respect hard workers and be a hard worker myself.

I believe that technical education is a worthy and honorable pursuit since through it I can increase my ability to produce useful goods and services.

I believe that the better contributions to society are expressions of culture, grace, patience, tolerance, care, respect, perseverance, character, technique, and and hard work. These attributes are expressed by people through their hands, voice and actions in the form of literary, musical, dramatic, artistic, athletic and scientific creations. I will, therefore, explore as many cultural fields as possible in order to broaden my knowledge.

I believe that communication is a tool needed by all. I shall develop my ability to read with comprehension and to write and speak understandably.

I believe that the contributions of free enterprise and the development of modern production methods through modern technology, by lessening drudgery and laborious physical tasks, has provided our nation with greater opportunities for better living.

I pray that, with the help of God and my fellow man, I may be a worthy contributor and partaker of the finer things of life.

Jimmy Walraven's Newspaper Column

By Wal Lee Jimmy Raven

During registration, I'm always tempted to punch a few extra holes in those cute little course cards just to see if it will screw up the whole filing system in the goatshed like those people down there say it will. I regret to say that this compulsion is not original; it was suggested to me by a fellow sufferer on registration day a quarter or so back.

I was a lowly incoming freshman, then, fresh out of the 'ol high school churn and completely unaware of the horrors of registration. I began to be vaguely suspicious of the registration process when our course advisor kept referring to us as "victims" instead of registrants. I decided to try it anyway, so I took a route sheet and schedule and headed out to get the course cards.

The first few lines I got into were pretty short: they only took a couple of hours or so each to get through. Then I got to the English line and wham! A couple of guys were doing a little sidewalk calculation with their slide rules, and figured we were moving along at a brisk twelve feet an hour. The registrants were passing time in line by sleeping, telling dirty jokes, growing beards, and chucking rocks at a picture of Hubert Humphrey somebody had taped to the sidewalk. I, personally, was racing a snail that was crawling on the wall beside me, and I was having a time keeping up with the little bugger.

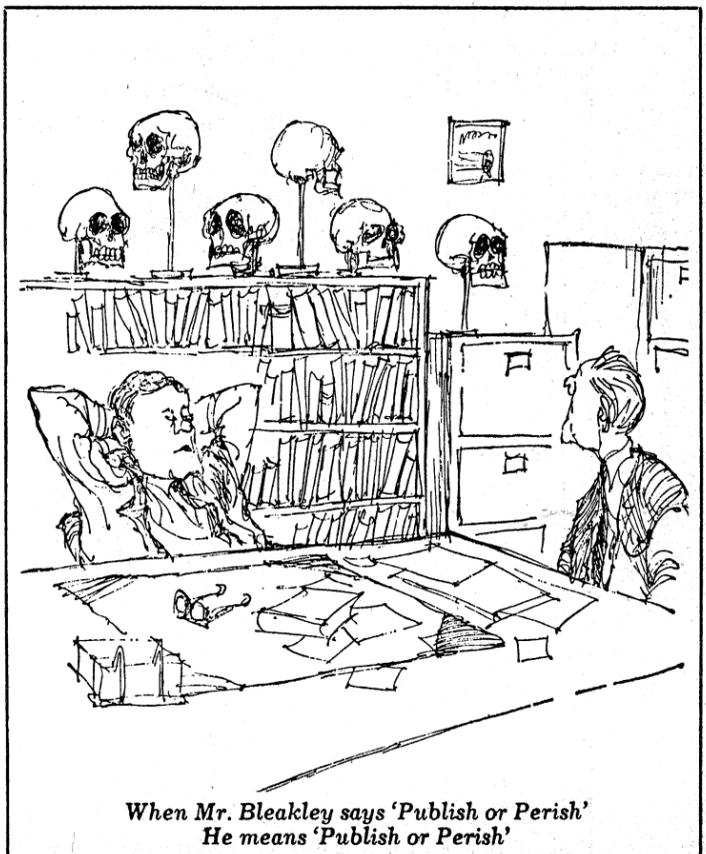
I happened to notice a tent staked out on the grass beside the walk, and a grubby-looking fellow who was pounding a Southern Tech Identification Card into smithereens with the business end of a T-square. When the ID card was demolished, he took out his schedule (in triplicate, no less) and started kicking it into the dirt, yelling, "I can't take it no more, everybody around here is nuts, I'm gonna go

crazy!" Mildly interested, I walked up to the chap (and lost my place in line, by the way) and asked him, "Whass the fit about?"

He glared at me and replied, "I been camping here two days so I could be first in this line. Then they come up and change the department requirements for graduation, and I don't have to take the course no more. Now I gotta go through forty miles of line just to fill out cards that I filled out every registration day for the past two years with the same information I been puttin' on them for the past two years. Then I gotta go prove what draft classification I'm in. Heck, if I was in the army I wouldn't be here. On top of that they run you back and forth all over the campus all day so you're too tired to go to school. I'm just about to fix'em though. I'll write my middle name first, my last name in the middle space, and my first name on the last blank on every form I come across. Then I'm going to take a beer opener and punch holes in every one of those IBM cards, and cause their computer filing system to erupt. Just wait!"

By the time he finished his speech the line had moved past him I wanted to find him later to see how his one-man rebellion came out, but it turned out I was never to see him again. It seems he waited seventeen hours to put his name on a card and was informed by an instructor that he was in the wrong line. This broke him entirely, and he committed suicide by disguising himself as a big rock and allowing a bunch of pledges to paint him to death.

His beer opener now hangs from a nail on the wall. Who will be the first man brave enough to use it, and maybe free us from the triplicate horrors of registration. Who knows?



When Mr. Bleakley says 'Publish or Perish' He means 'Publish or Perish'

Record Review

"In-A-Gadda-Da-Vida"

By Jimmy Walraven

In the world of electric rock music today a new group has to have some explosive individuality — something totally different — to really catch the attention of the public. The Iron Butterfly has it. Their music, now gaining popularity all over the world, is a mixture of explosive sound, crashing rhythm, unexpected harmony, and pure audacity.

Their first album, "Heavy", released when the Butterfly was a relatively unknown group playing almost solely for the California underground music fans, was not a hit. It was rough, rather uncertain, and nothing really special, except for one instrumental tune, "The Iron Butterfly Theme", which was one of the very best efforts ever put out by a rock group. It was a beginning, however, and the next recording, an L.P. called "In-A-Gadda-Da-Vida" was something different. It was great.

This album is fantastic. The Iron Butterfly sound has grown up and now emerges as one of the very best in the field of electronic rock. The title song, "In-A-Gadda-Da-Vida" is magnificent — a smashing opus to the world of music that covers

the entire second side of the album — seventeen minutes and five seconds of sheer instrumental magic.

The music thunders from the album in a surprising mixture of sound and mood. The music is sometimes heavy, sometimes crashing, sometimes light and beautiful, and sometimes downright eerie. The title song is highlighted by Ron Bushy's fantastic six-minute drum solo, and bolstered by pretty, churchy organ music and heavy bass lines. Eric Brann, the lead guitarist for the Iron Butterfly, does his thing in high style, and when these sounds are plugged into the really rocking beat of the song the effect is something else.

The other side of the album features more of the same, just in shorter form. The recent success of the album proves that the people like this sound, and this is enough to insure the future success of the group.

If you like music that really moves; if you like to listen to a really different electronic sound, then "In-A-Gadda-Da-Vida", by The Iron Butterfly, is highly recommended.

FREE VERSE

By Jimmy Walraven

the ragged skies
the hot and damp
the stench of fish
the fear of hunger
the pallor of death and
the fear of the ghostly men

the glinting of rusting guns
the swell of the woods
the misty, hot and closing night

the stealth of phantom feet
a strangled cry of pain
softer
softer
gone

a deserted village
the birds of prey
the lonely beggar
the homeless child

viet nam

DEES
ONE HOUR MARTINIZING

2307 ROSWELL ROAD
PHONE 428-7211

WHITE'S

SERVICE

628 S. 4-Lane Hwy.
(Across from Howard Johnsons)

Marietta, Ga.
Road Service
Phone 422-5883

OTIS WHITE

Marietta Federal Savings & Loan Association

602 ROSWELL STREET, S. E.
MARIETTA, GEORGIA

Open Your Green Hornet Account Marietta Commercial Bank

The GREEN HORNET account

PAY TO THE ORDER OF _____ \$ _____ DOLLARS

64-1314
612

Marietta COMMERCIAL BANK
Marietta, Georgia 30060

⑆06⑆2⑆⑆3⑆⑆4⑆

BASKETBALL LOOKS PROMISING

By Ken Rose

The 1968-69 basketball line-up looks promising as Southern Tech gains new height. Two 6'7" centers, Jerry Johnson and Gary Holcomb, should prove helpful in the upcoming season. Jerry Johnson is a transfer student from Georgia Tech, while Holcomb is an entering freshman from Cherokee High School in Canton, Ga. Three guards from last season have returned, and four new guards have been added to the line-up. The returning guards are: Carl Hazelwood, a six foot sophomore from Berea,

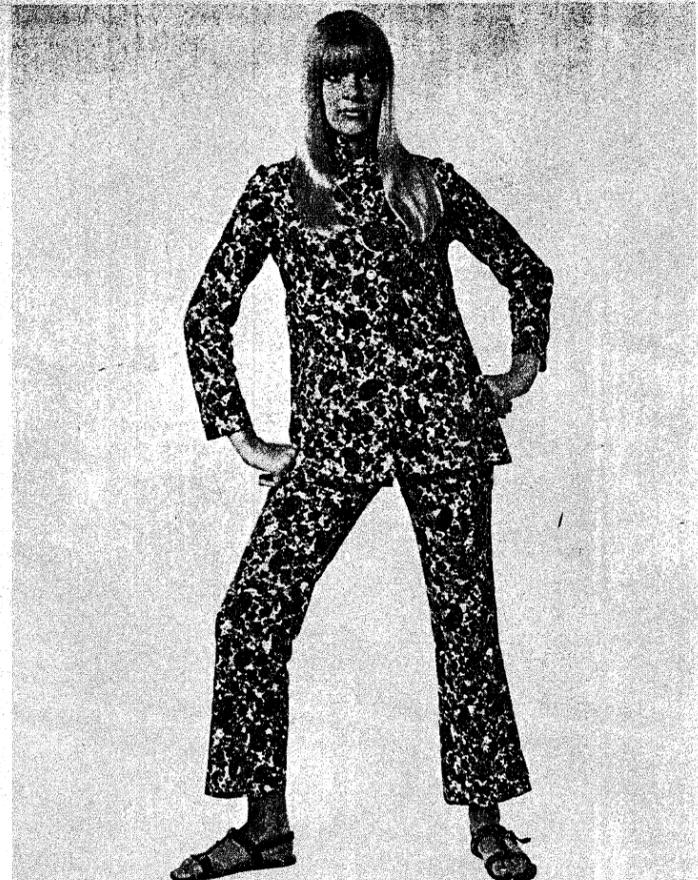
Kentucky; Terry Lindsey, a 6'1" sophomore from Cedartown, Ga., and Wayne Dean, a 6'3" sophomore from Austell, Ga.

The new guards are: Beave Chandler, a 5'9" player from Wills High School, Smyrna, Ga., who was an outstanding player in the Cobb County tournaments; Barry Parker, 6'3", from Wheeler High School, Marietta, Ga.; Bobby Foster, 5'1", from Sprayberry High School in Marietta, Ga.; and Mike Davey, a six foot guard from West Frankfort

High School in Frankfort, Ill. The Southern Tech forward force will be Dennis Dziadus, 6'1", from W. Frankfort High, Frankfort, Ill., Ronnie DeVer, 6'2", from Berea, Ky.; Mark Micleboro, 6'3" from Wills High School, Smyrna, Ga.; and Terry Abney.

Abney is a 6'2" sophomore from Austell, Ga. who was on the starting lineup for the STI team last season.

With the old players returning and the new players coming in, things seem to be shaping up for the Green Hornets this season.



Sandra Jones is Miss Technician for September. She graduated from Dallas High School, May 27, 1968. Her main interest is having a good time. She now attends West Georgia College in Carrolton.

SKYDIVER'S REPORT ON PROGRESS

By Steve Wright

The STI skydivers are celebrating their second year at Southern Tech. This year the team will be jumping each weekend at Atlanta International Raceway, training for the National Collegiate Parachuting Championship to be held at Zephyrhills, Florida, over the Thanksgiving holidays. The team has grown in size this past summer. Therefore, with the greater number of experienced members and with the leadership of the club jumpmaster, Bill Malpass, the team is sure to bring home some trophies.

Any student who might be interested in joining the STI Skydivers is asked to pick up an application blank at the cashier's office or contact any member of the club. All students are invited to attend the next meeting, which will include an exciting movie about skydiving followed by a question and answer period to introduce everyone to this space-age sport. Watch the weekly bulletin for the time and place.

THE TECHNICIAN

and

The Student Council welcomes your questions on student problems or your suggestions as to how they might be solved.

RUSSO'S
PIZZA VILLA
"A LITTLE BIT OF ITALY"
PIZZA 75 DELICIOUS VARIETIES
AUTHENTIC ITALIAN CUISINE
SPAGHETTI & SALADS
• DINING ROOM • TAKE OUT SERVICE
PHONE ORDERS READY IN 10 MINUTES
OPEN 'TIL MIDNIGHT
FRIDAY & SATURDAY 'TIL 2 A.M.
427-2774
2547 ROSWELL ROAD
MARIETTA, GA.
East Marietta Shopping Center

Tues. thru Fri.
10:00 A.M. - 8:00 P.M.
Sat. 8:00 A.M. - 6:00 P.M.
Closed Monday
"Just One Block From Campus"
RAZOR HAIR CUTS
MEN'S HAIR STYLES
REGULAR CUTS
Pine Forest Barber Shop
1200 Claymore Drive 428-6272

MAIN OFFICE
The FIRST NATIONAL Bank
MARIETTA, GA.
EAST MARIETTA BRANCH

GOLDSTEINS
APPAREL
MEN'S & BOYS'
49 W. PARK SQUARE
MARIETTA, GA.

Midway Shoe Shop
East Marietta
Shopping Center

YOUR BOOKSTORE
Slide Rules — Sweat Shirts
Text Books — T Squares
Lab Manuals — Candy
All School Accessories
WELCOMES YOU

COBB OFFICE SUPPLY INC.
STATIONERY & PAPER SUPPLIES
OFFICE FURNITURE - FILE CABINETS - DESKS • CHAIRS -
LARGE SELECTION
Estimates Cheerfully Given
A Complete Line of Business Machines
Phone 422-1161
1484 Roswell Road Marietta, Ga.