

THE ENGINEERING TECHNICIAN



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No. 3

MERRY CHRISTMAS



From THE TECHNICIAN STAFF



Photo by Neville
Ticket Buying On Campus
Pictured (left to right) are Jeff Burdette, Norman Pinfield, Robert Barber, Larry Rape, Anna Maria Vegas, and Vernon Underwood.

CHRISTMAS DANCE TONIGHT AT MARIETTA COUNTRY CLUB

Iota Tau, the Industrial Departmental Club, has announced that the Christmas Dance will be held at the Marietta Country Club on December 11. The hours for the annual event will be from 8:00 p.m. to 1:00 a.m.

The dance will feature the Starliners, a nine-piece band from North Georgia. According to several members of Iota Tau, the band is well-known in the area.

Tickets will continue to be sold on campus until the afternoon of the dance, December 11. Prices for the tickets are \$2.00 a head—\$4.00 a couple. Tickets will be sold at the

Country Club for \$2.50 a head; they may be purchased on campus from any Iota Tau member.

Instructor Frank Heard, adviser for Iota Tau, stated that Miss Iota Tau, usually crowned at the Christmas Dance, will not be selected until just before the Valentine's Dance—the event at which Miss STI of 1965 will be chosen from a group of department and club nominees.

According to Heard, he has prepared a map showing how to get to the Country Club and has placed several copies of these on bulletin boards around campus.

Technician's Day Set For Spring

Southern Tech officials are planning a day to honor technicians. The occasion, to be named *Technician's Day*, will take place in late April or early May of 1965. The idea for the *Technician's Day* came from the Circle K Club.

The event may feature a guest speaker of national prominence, according to Assistant Professor William S. Newman, faculty adviser for the Circle K Club.

Departmental exhibits will be set up on campus for the occasion; these exhibits, according to Newman, will be informative and interesting to the general public.

Although detailed plans of the day are not yet complete, government officials may be asked to proclaim *Technician's Day* to help commemorate the occasion.

Newman also stated that the purpose of the day was to develop public interest in the job that the technician is doing as well as to honor him.

Circle K Sets Book Exchange For Winter

The Circle K Club has arranged to have a book exchange for Southern Tech students during the winter quarter, according to Robert Howell, member of the club.

Howell stated that the books would be handled by consignment only: that is, the student will allow Circle K to sell his books for him, and when they do, he will receive his money.

Circle K will charge \$.25 per book for the labor involved. The exchange has been approved by the Southern Tech Administration.

STI Cheerleaders Chosen For Season

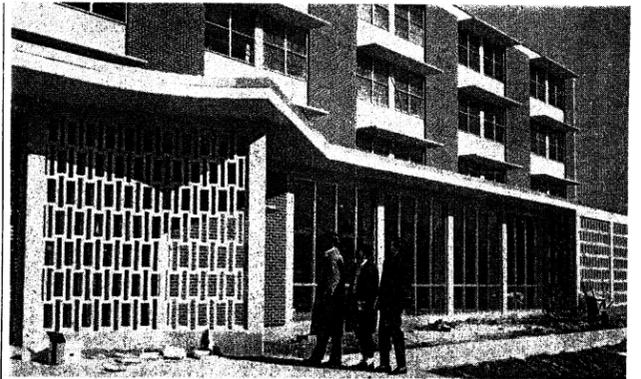
Cheerleaders for the 1964-65 basketball season have been chosen. The six young ladies selected will be performing as cheerleaders for the first time at Southern Tech home games this season. Dan Burge, senior and varsity basketball squad member, took on the responsibility of choosing the six new cheerleaders. According to Burge, he selected them according to their abilities and charm.

The new cheerleaders are as follows: Miss Ginger Ray, currently Miss Southern Tech, 20, and from Palmetto; Miss Alice Jackson, 19, and from Hogansville; Miss Sally Richardson, a student at the University, 18, and from Marietta; Miss Maria Brown, 17, a senior from Marietta High School; Miss Gloria Cantrell, a senior at Sprayberry High School and 17; and Miss Laura Moncus, 19, and a student at the University of Georgia Extension.

Parker Heads Book Committee

Mrs. Julia H. Parker, Librarian of Southern Technical Institute, will head a nationwide committee in preparing a basic book list for engineering technology libraries. Mrs. Parker's appointment calls for her to head a committee of the Special Libraries Association of the United States.

Prior to becoming Southern Tech's Librarian, Mrs. Parker was a librarian at the Air University. She holds a master's degree in Library Science from Florida State University.



Nope . . . The dorm isn't ready yet. Photo by Bailey

First Dorm Near Completion More Building Set For 1965

The first dormitory will not be ready for occupation by Southern Tech students until the spring quarter, according to Director H. L. McClure. Originally it was thought that the dormitory might be completed by the winter quarter.

In an interview late in November, McClure stated that while most of the major work was completed, minor jobs had to be accomplished before the official inspection and acceptance of the building could occur. He stated that good progress was being made and that some of the furniture—the permanent, non-mobile kind—already had been placed in the dormitory rooms.

The new dormitory is designed to provide living quarters for 186 students living in the old dormitories on Clay Street will probably get first choice at the new dormitory rooms.

When asked about restrictions which might be placed on students living in the new quarters, the Director stated that there would be few rules as possible set up in the beginning. He added that if other rules became necessary, they would be added, although he anticipated changes.

He stated that a student super-

STI Receives Southern Association Accreditation

Southern Technical Institute has received notice of its acceptance as a member of the Southern Association of Colleges and Schools. Association membership, generally referred to as "accreditation," comes only as a result of inspection by the Association.

Southern Tech is accredited as a "special purpose institution." So far, the association has accredited only one other technical-institute college in its area. The Association embraces schools throughout the South.

Inspection of Southern Tech for accreditation began more than two years ago with a faculty self-study. In spring of this year an Association inspection team visited the campus in Marietta to report to the Association.

Southern Tech has had programs accredited by the Engineers' Council for Professional Development since 1950. The ECPD is a specialized accrediting agency, whereas the Southern Association serves all types of schools and colleges on a regional basis.

According to Association Executive Secretary Gordon Sweet, the Association includes in its membership 411 institutions of higher education.

visior would probably be placed on each floor of the dorm and that one faculty member was slated for residence in the new dorm.

The year 1965 will be a banner year for Southern Tech, according to McClure. Building construction plans for the Southern Tech campus indicate that three new structures will either be completed or nearly completed before the year is out, in addition to the first dorm.

The second dormitory, which will provide living space for nearly 300 students, will probably be completed some time during the summer. The dormitories together will provide Southern Tech students with a cafeteria, study areas, recreation areas, a small clinic, and even the luxury of air conditioning.

The new gymnasium, while still in the planning stage, is slated for use sometime during the fall quarter of 1965. It will take six to eight months to construct; and it will seat approximately 2,000 persons. Entrance to the gym will be at the seat level, so that no spectator need walk on the gymnasium floor. Ample dressing facilities will be provided along with two practice basketball courts when the seats are moved back to the walls.

The new library, also in the planning stage of development, will be constructed at a site just southwest of the Administration Building. It is the only one of the four buildings not scheduled for completion in 1965.

Christmas Message

By H. L. McClure

On behalf of the faculty and staff of Southern Tech, I wish you a merry Christmas and a pleasant and relaxing Holiday season. It is pleasant to forget school and studies for a couple of weeks and enjoy the company of your family and friends at home.

Christmas is a happy time, but it is also a time for sober reflection and reverent thinking. It commemorates the birth of One who has changed the direction of civilization and Who represents the hope of mankind for the future.

Whatever your Christmas activities, please engage in them safely. Every year Christmas has become a tragedy for at least one of our students' families. Let's work to make this Christmas a happy one for everybody.

May Peace and Joy prevail at each family gathering and I hope you return to school with renewed vigor and dedication.

Staff Comments

IT'S CRAMMING TIME AGAIN

Exam time is here again. Many students will now begin the procedure called cramming. Many who don't have the physical stamina to accomplish what they should have done weeks ago will now rely on pills to keep them alert until the wee hours of the morning—often the very night before the exam.

The wise student will not need these tablets, nor will he even need to cram. He may review the main ideas or facts covered in the course; he may review class notes and old exams, and he will go to bed at a reasonable hour.

Cramming, although now considered a natural part of college life (it probably shouldn't be.) often backfires, especially when the procedure requires pills. The next day the student may forget everything he has memorized, and even more.

Cramming should be avoided for another reason. The span of memory for crammed-in facts may not be long; at least for most students it isn't. The purpose of getting an education is surely defeated if a student soon forgets what he supposedly has learned. An education here should lay groundwork for future actions—personal and business—after graduation.

So get the most out of a course: Don't rely on cramming to pass, for it isn't worth it.

THE INVISIBLE STI SIGNS ON THE 4-LANE

Southern Tech has two signs on the 4-Lane Highway—one just north of the Clay Street exit and one just south of the Clay Street exit. We believe these signs are too small. By the time a motorist going 40 mph passes one of these signs, it is either too late or too difficult for him to read the signs.

We believe larger signs with white letters on a green background would be more noticeable to motorists than the present small signs with green letters on a white background. The new highway signs in Georgia have a green background with white letters. Why can't Southern Tech have the same kind of signs as the rest of the state? Let's enlarge our signs and let the public know where we are.

CIRCLE K BOOK EXCHANGE WELCOMED

The staff of this paper believes that the book exchange planned by Circle K for the winter quarter is something that has been needed for a long time around here. We commend them for their continual service to the good of the student body.

THANKS TO SPONSOR OF HALLOWEEN DANCE

We also have commendations to the departmental clubs—Epsilon Pi Chi, Alpha Mu Sigma, Alpha Beta Sigma, Iota Tau, and Sigma Chi Tau—for their innovation to campus-wide activities—The Halloween Dance. From the reports that came to us, the dance should become a regular yearly event.

NEWSPAPER STAFF STILL NEEDS HELP

Here we are—the fall quarter almost over—and we have not yet filled all the positions on the staff. We're beginning to think that something is wrong with us. And we still desperately need help. Newsmen, sportsmen, or anybody would come in handy during the time-consuming period of putting the paper together.

THESE INSANE INITIATION PROCEDURES

It was refreshing to see that some of the campus clubs had rather sane initiation ceremonies, instead of the dying-cockroach and onion-around-the-neck kind. Maybe this type of initiation has its place on a college campus, but we are not sure — it smacks of high-schoolism. We would like to see some constructive things done around the campus by the pledges of these groups.

PROGRAMS FOR THE BASKETBALL GAMES

It has been suggested that Southern Tech provide programs for persons attending basketball games. We not only think that this is an excellent idea — since it would result in a more informed and interested basketball audience — but we would suggest that the Booster Club, Circle K, or Student Council take some action toward accomplishing this. We have a fine basketball team this year; surely the audience should know who the players are.

ACCREDITATION FOR STI

What membership in the Southern Association of Colleges and Schools will mean to the Southern Tech student will be seen in quarters to come. It is apparent now that admission to the association as a "special purpose institution" is added prestige for Southern Tech. The road to this acceptance into membership was not easy; it required a great deal of labor on the part of the administration and faculty. This is more proof that STI is a fine college.

Military Draft May Be On Way Out

By Patrick Kehoe

A plan to end the present system of drafting men for military service has been placed before the United States Senate by Gaylord Nelson, Senator from Wisconsin. The plan, passed by Congress, would affect Southern Tech students in years to come.

According to Senator Nelson's plan, the entire existing draft program would be abolished in favor of a new, non-compulsory plan. This new proposed military system would not take effect until the present draft program comes before Congress for renewal again in 1967. Thus at the present time, according to Senator Nelson, any discussions in the Senate concerning the military draft would simply be laying groundwork for the real discussion in 1967.

The Senator bases his program on several points. First of all, at the present time, there are more men eligible for military service than are actually needed. The Senator's findings state that there are now more than 10.6 million men between the ages of 18½ and 26 who are eligible for the draft. Out of these numbers, only 90,000 men (approximately) a year are called for actual duty. By 1967, 12.4 million men will be eligible for the draft, and yet about the same number of men as in years previous, will be called. More men are requested to appear for physicals and tests than the 90,000, and a great number of them are turned away.

The Senator proposes to give the United States fighting forces a more professional status — more pay, along with other enticements. He states that the military forces carry a great number of surplus personnel — administrative people, cooks, and technicians, just to name a few examples. He hopes that this plan would eliminate many of these positions and that the military organization would become more streamlined and effective. According to the Senator, many of the necessary jobs in today's military could be done by civilian personnel, at a lower cost, thus freeing the military for the business of fighting—if necessary.

Senator Nelson believes that the military would have a higher spirit and would be filled by personnel who would choose the military for their life's vocation — not by those who would wile away two years or so anxiously waiting to be released.

Yearbook Staff Positions Open

The Technician's Log needs workers. Offices to be filled include:

FRESHMAN EDITOR
SENIOR EDITOR
ART EDITOR

Experience is desirable but not necessary. If you have never worked on a school annual or yearbook and want to gain some useful publications experience, you may do so by working on the 1965 LOG. The only qualification really needed is an interest in producing a good school annual and a willingness to work.

For more information, see Professor M. E. Blair, Room 265, Building 2.

REGISTRATION CHANGES

We hear rumors that some changes might be made in the registration procedures. While we can't claim to be experts on the subject of how to conduct registration, we can comment on how the students seem to feel about it. They very definitely think that some sort of change is needed to expedite the whole procedure. We agree.

BAD DRIVERS FROM THE BLACK ROCK CAMPUS

Hardly a week passes but what an STI student is involved in an automobile accident of some sort. Perhaps action needs to be taken by some concerned group on campus to educate the bad Southern Tech student driver about the facts of safe driving. Those who wind their way up the 4-Lane every morning know that it's hard enough to arrive alive without an added group of bad drivers.



Cartoon by Hardy

The Rock And No-Frat Ruling Subjects Of Letters To The Editor

Editor,

During the past month, we have seen our once beautiful (by nature) rock undergo many changes of color. Since when have clubs and fraternities had the right to assume ownership of something which belongs to the school. Are we leaning towards the tendency of a small group of people or clique plastering tar, paint, and their names on the first thing in sight? If any club or fraternity that so chooses paints The Rock, what will be next to ruin?

Perhaps some of you say let the clubs and fraternities take turns in painting The Rock the colors of the spectrum or to divide The Rock into equal portions for the organizations. No! If that is permissible, the grass would soon be painted in paths leading up to The Rock for each club or fraternity to tread upon. If we let the organizations ruin The Rock, why not assign to each club and fraternity one of the colossal flower pots nearby? Therefore each one could paint the cement sides any color to their liking with their names in huge letters. Next in line, on one brisk morning, we probably will find ourselves clicking along on a checkerboard sidewalk. Or, even there is the possibility of seeing the flag pole painted like a totem pole.

The Rock is a Southern Tech landmark and represents the solidness on which the school stands. How can there be any firmness in The Rock if it changes colors as often as the wind changes direction? This rock is something noticeable and different at our school. Many schools have idols which are painted constantly by clubs and fraternities, but why should we be as they? We want our school to be at the top, but how can this be so if we have the common practice of painting our school landmark? So let us restore The Rock to its original beauty (if possible).

—Jimmy E. Lee

Student Council Lax In Duties?

Mr. Editor,

It seems that the Student Council has been a little lax with their duties this quarter, since it took several meetings just to get enough members present to have a quorum for the election of officers.

There are many students who would like to become members of the Student Council but can not because they do not belong to the proper organization; therefore, it seems that if a member misses two council meetings in one quarter or three meetings in one quarter, he should be dropped from the membership. This opening should be made known to the entire department so that any member of said department may have a chance to fill the opening if his department head or some other responsible party will permit him to do so.

It is our belief that the Student Council should be the strongest student organization on the Southern Tech campus and should have control over all clubs and student organizations. With the Student Council as a central governing body and means of communication, the clubs and organizations should be able to work together with greater efficiency.

—Secretary of Circle K

Mr. Editor:

I am what you might call a part-time student. I went to STI for one year but now am enrolled in night school.

While in day school I had the opportunity to pledge and be accepted into Epsilon Pi Chi. While now living at home, I still read the school paper; in the last issue I read an article that stunned me greatly. I am referring to the article about no social fraternities allowed on a 2-year college campus, by order of the Board of Regents.

My question to you or anyone who can answer it with reason—is—why? Are the students of a 2-year college of too low a class of people? (I don't believe so. The students at STI are the best in my thinking.) Maybe we don't measure up to a 4-year school in as much that some of us haven't the money to attend them or for the simple reason that some of us just plain want to be technicians.

As a member of a now so-called Departmental Club, I would like to know just why we aren't allowed the same rights as a 4-year college.

I stand on the grounds that Southern Tech should be allowed to have social fraternities on campus and that they should be campus wide.

Your thoughts, comments, and any answers you can give on this matter will be greatly appreciated.

Let me say to the student body of Southern Tech that the best place to argue an issue of school importance is not in the snack bar but in a letter to the editor of the newspaper. More can be done through your paper than you can do by drinking coffee and just talking about it. Let the paper know what you are thinking and what you would like to see happen at STI.

Steve Dean
Palmetto, Georgia

Democracy Or Republic?

Your editorial page last issue must have stirred much interest in politics. Your balanced coverage of the two opposing viewpoints was commendable.

However, please clarify two matters mentioned in your own letter. First, the United States is not "called a democracy" — at least not accurately. The Constitution, Article IV, Section 4, provides that "The United States shall guarantee to every state . . . a Republican form of government . . ." You "pledge allegiance to the flag of the United States of America and to the republic for which it stands." And have you ever sung the "Battle Hymn of the Democracy"?

The founders of the republic wanted just that: a republic. George Washington spoke of the "republican model of government." Hamilton was openly contemptuous of pure democracy. And the entire Constitution shows a distrust of direct government by uninformed people—as for example in requiring election of the President by an electoral college.

Distinguishing between "republic" and "democracy" is not idle play on words. Our system emphasizes republican (representative), not direct government. It is designed to prevent mobs directly controlling laws.

Second, the plea to "go to the polls" sounds fine. But wouldn't a better slogan be "if you know what you're doing, go to the polls." Why fret that ninety-nine percent of the Russians vote, whereas in the U.S. only half (or some other fraction) vote? Look what the Russians get with their votes!

Name Withheld

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Feature:

**Hark! The Merchants Sing
It's Christmas Time Again**

By a d. monishment

The rake of Christmas has begun again; this year it is proceeding with more fervor than ever. Santa no longer makes his gifts at the North Pole for the little children: He charges them at the local department stores. He has a charge-card, you know. Next year he will probably be dressed in a gray-flanneled suit and will be driving a sports car.

But Santa is not the only true Christmas symbol that is being demolished as the years go by. The old idea of giving gifts and all the love that supposedly goes with them is passe—it's out of style. This year, if one is willing to pay the price, a department store representative will buy one's gifts, wrap them, and deliver them to the door. If one is caused to say that this is a good idea because it is so tiresome to shop, then he had better forget Christmas altogether.

One does not even have to decorate his own home anymore. He need only call the florist. The florist will come in and decorate the Christmas tree, the door, or whatever one desires. Most people won't bother with this, however; they will buy a \$10.00 silver tree, made of metal. Most of these trees can be folded up and used again in years to come.

Thus it is too that Christmas has become a commercial wasteland. The Christmas carols don't mean the same anymore. How can they when everyone is pulverized with them in radio and television commercials: "Jingle Bells, Jingle Bells. Buy your cigars today." Or picture this — Carolers singing "Silent Night" with snow flakes dancing across their happy faces . . . and them a mellow voice comes on the TV set to say, "Christmas is time of giving. Why don't you give something lasting to your loved ones? An insurance policy will give them lasting protection, etc."

Christmas cards can be bought now with one's name printed on them. While this is nothing new, the same cards may be addressed, stamped, and mailed for a fee. Progress? I have my doubts.



The twelve days of Christmas are no more—there are about sixty of them, beginning just after Halloween.

Nowadays too, one can sit at home and watch the Christmas church services in his underwear.

And just after Christmas, the merchants will pat their fat pocket-books and move in the Valentine displays.

Whose fault is all this: The merchants who make the financial killing? The shoppers who have forgotten when Christmas wasn't so outrageously commercial? But maybe some of these Christmas shoppers do experience the joy of a true Christmas. Maybe some of them aren't sucked into the swirl of commercialism. But what I see, I see, and I am affected by all this madness. To me Christmas is dying, and in its place something sick, smart, sheek, and false has arisen. The only thing is—it still goes by the same name—Christmas.

Feature:

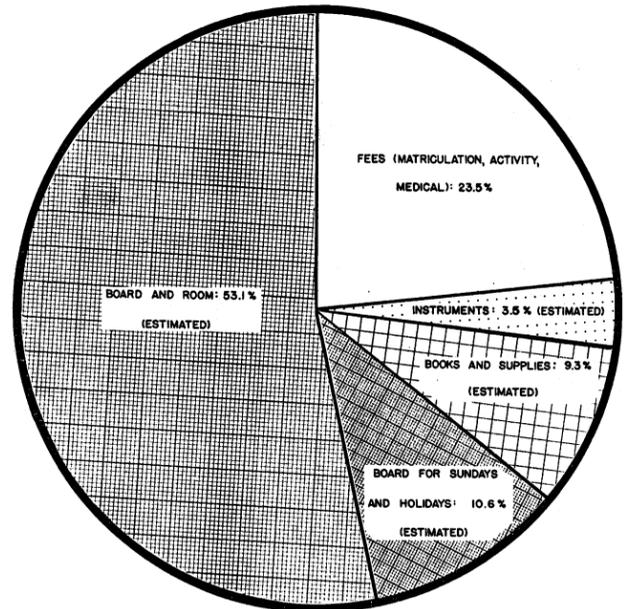
**The True Spirit
Of Christmas**

By Patrick Kehoe

What is the true spirit of Christmas? Is it the giving of lavish gifts wrapped in expensive paper? Is it the giving of a gift better than the other person's gift? Do we try to see how many gifts we can give? I should hope not! The giving of a gift with no thought behind it becomes a mechanical function. Just the passage of an object from one person to another. We must look deeper than that. There has to be a feeling of warmth to go with the gift or else the giving of the gift is meaningless. This is the true spirit of Christmas: The gift of sincere concern. On a cold December night Christ was born to die for the redemption of mankind. There can be no greater gift than this. Let us have a little more of this spirit in Christmas. A very small gift given in a brown paper sack can mean more than the most expensive gift wrapped in the finest ribbon. Let us look beyond the tinsel and commercialism so prevalent in the world today, and give the best, most sought after gift—the gift of giving one's self. This should be the motivating thought behind the giving of gifts this Christmas.

Feature:

**ALLOCATION OF EXPENSES:
FOR A TYPICAL SOUTHERN TECH STUDENT**



NOTE: THIS ALLOCATION IS BASED UPON RESIDENTS' FEES. A STUDENT RETAINS PURCHASED INSTRUMENTS. THIS ALLOCATION INCLUDES NO REFUNDABLE DEPOSIT.

SOURCE: 1963-1964 CATALOGUE AND BULLETIN

**Student Expenditures
Estimated By Officials**

How much does the typical Southern Tech student spend on school fees? School officials estimate only about one fifth of his total expense. And student estimates come rather close to this same fraction.

Southern Tech's catalogue predicts expenses for the typical student. On a three-quarters' basis the student would spend a total of \$1255.50, according to the catalogue. School fees would cost only \$265.00—or 21.1 percent of his total expenses. These figures are for residents of Georgia, currently making up nearly 90 percent of the 995 students in day classes.

**Student Figures
Agree With Catalogue**

An instructor recently checked the school's figures against students' estimates. And the estimates from a class of fifteen students suggest that the school officials have estimated rather accurately. The students guessed that the typical resident would spend 24.7 percent of his total expenses on school fees.

"Three Eats And A Sleep"

The students agreed with the catalogue that most of the student's expenses go for "three eats and a sleep"—as one student described "Board and Room." The catalogue shows the typical student (resident of Georgia) paying for a college year \$700 for board plus \$120 for board on Sundays and holidays, or a total of \$820 to stay dry, warm, and alive. According to school officials, this figure amounts to slightly more than 65 percent of his total costs.

The students' estimates for board and room excluding Sundays and holidays, averaged 57.2 percent of total expenses. Students estimated 10.2 percent for Sunday and holiday eating; the catalogue estimates 9.6

percent for the same cost. But school officials may overestimate how often students eat steak; the catalogue shows students spending 55.8 percent for regular board and room, contrasted with student estimates of 47.0 percent.

Instruments Only Small Portion

Students agree with the catalogue that instruments (slide rule, drawing instruments, etc.) are a very small part of the cost of attending Southern Tech. The catalogue shows instruments costing 3.2 percent of the total bill; the students' average estimate was 5.5 percent.

Students may have disagreed with the catalogue for several reasons. First, the single-class sample was small—only fifteen students. Second, the class may not have been a true cross-section of students; seven in the class were married, and thus had to estimate costs different from their own. Only five of the students were residents of Georgia boarding at Southern Tech.

With all the shortcomings of a limited study, however, the catalogue apparently agrees fairly well with students' estimates of expenses.

**Schedule For
December-January**

- Dec. 11—Christmas Dance
- Dec. 15-18—Final Exams
- Dec. 18—Middle Georgia College—Home
- Dec. 19-Jan. 3—Christmas Recess
- Jan. 4—Registration
- Jan. 5—Classes Begin
- Jan. 6—Late Registration Fees Apply
- Jan. 8—Last Day For Registration Last Day For Adding A Subject To Study List
- Jan. 8—Columbus College—Home

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and

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and

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STROTHER FORD

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Marietta Phone 422-1100

371 S. Cobb

Smyrna Phone 435-3235

5170 Bankhead Hwy.

Mableton 948-8300

SEASON'S

GREETINGS

From

a. d. monishment

MERRY CHRISTMAS

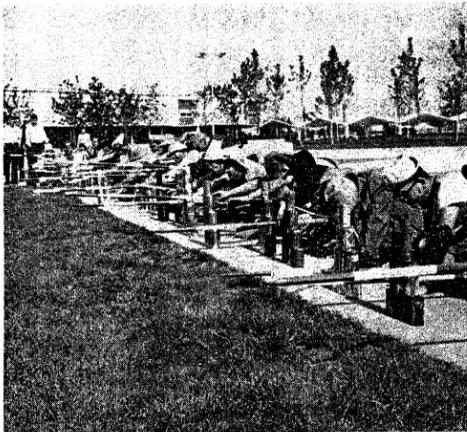


HAPPY NEW YEAR'S DAY

HAPPY NEW YEAR'S EVE



This Was The Quarter That Was



Feature: Students Are Aroused By Regents' No-Frat Rule

By Mike Landy

In the last issue of this newspaper it was disclosed to the student body that the Board of Regents had made a ruling that **NO SOCIAL FRATERNITIES** would be allowed on any two year campus in the state of Georgia. The so-called **FRATERNITIES** at Southern Tech now maintain the status of **PROFESSIONAL CLUBS**.

Several members of the student body were asked by a representative of the newspaper how they felt about the ruling. A few of the students did not know what a fraternity was and thus didn't care, but the large majority of the students felt that the ruling was doing more harm to the Southern Tech Campus than the Regents realized. The general feeling was that of anger towards Dean Maddox. The students want to know **WHY** the ruling was invoked. They want to know what they have done to bring this on.

In search of answers to these two questions, Dean C. V. Maddox was interviewed by a member of the newspaper staff. Dean Maddox was not sure why the Regents had invoked the ruling, but he did say

that the ruling had been in effect for quite some time. According to Dean Maddox, the fraternities at Southern Tech had not done anything to bring about the evokment of the ruling. He did state that he was not the one who made the rules, but that he is the one who sees that they are enforced. Dean Maddox asked the question, "**WHAT CAN THE SOCIAL FRATERNITY DO FOR SOUTHERN TECH?**" Dean Maddox's question deserves a lot of thought. Perhaps a small example of what Dean Maddox is looking for is The Rock. School spirit could be another good example.

SOCIAL FRATERNITIES are not completely without possibility on the two-year campus. Dean Maddox stated that he is planning to attend a meeting on December 10 at which the question of social fraternities may arise.

MATH PROBLEM OFFERS PRIZE

By George Neville

Joe Student is taking a world tour. When he stops in France, Joe wants to exchange his American dollars for French coins. He exchanges \$10 for ten bags of French coins. Every bag contains 10 coins, each coin weighing one ounce.

Joe suspects that all of the coins in one bag are counterfeit, weighing one tenth of an ounce less than the real coins.

If Joe suspicions are correct, how can he find out which bag has the counterfeit coins in it by weighing the coins on a weighing scale? Since Joe is in a hurry, he is allowed to weigh the coins only once. He may put as many of the coins as he wishes to on the weighing scale one time, but he can not take some coins off or add more coins to the scale to weigh them again.

The student with the first correct answer mailed to Box 8028 will receive the \$1.00 prize for this month's problem.

Council Clarifies 1.0 Average Rule

At a meeting early in the fall quarter the Administrative Council clarified a previously passed regulation that students who fail to achieve a 1.0 point average during their first three quarters will be permanently dropped from enrollment at Southern Tech. As stated in **The Green Hornet**, this action will be taken without a previous probationary quarter.

According to the Council's clarification, these students thus will not have the privilege of attending the summer quarter to bring up their point average.

The council also stated that it was its opinion that a student who cannot reach a 1.0 average in three quarters is wasting his time and money to attend Southern Tech and probably can never pass enough work to graduate.

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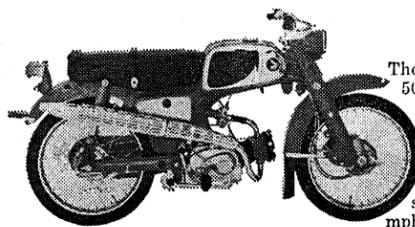
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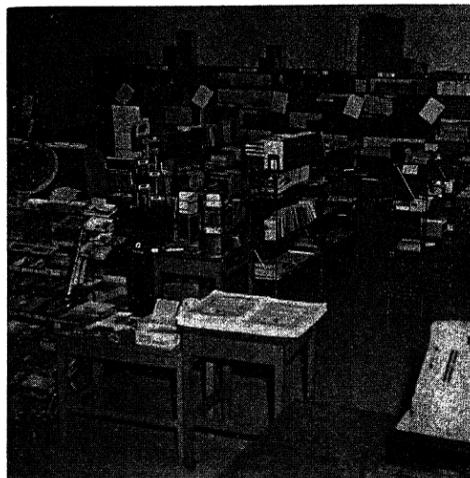
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NAME	COURSE	POINT AVER.
Owen, Newton C.	I.E.T.	3.89
Field, Walter C.	I.E.T. (MO)	3.67
Beasley, Joe W.	C.E.T.	3.63
Waldrop, Myron G.	M.E.T.	3.328
Lingefelt, John L.	T.E.T.	3.22
Calhoun, John W.	M.E.T.	2.97
Warlick, Ralphon E.	I.E.T. (MO)	2.82
Carnes, Thomas J.	C.E.T.	2.79
Duncan, Lonnie D.	A.C.E.T.	2.73
Burnett, Robert O.	E.E.T. (EO)	2.72
Roan, Rex G.	E.E.T. (EO)	2.69
Howard, Stephen B.	E.E.T. (EO)	2.65
Wray, Homer L., Jr.	B.C.	2.61
Moss, Urban E.	E.E.T. (EO)	2.58
Roe, Everett L.	M.E.T.	2.51
Dasher, Thomas E.	T.E.T.	2.49
Cardenas, Jose A.	E.E.T. (EO)	2.37
Morrow, John D.	C.E.T.	2.36
Wall, Robert A.	C.E.T.	2.35
Cline, James T.	I.E.T. (MO)	2.34
Turner, Lucian H.	B.C.	2.31
Vaughn, Earl P.	C.E.T.	2.31
Dillard, Chas. T.	I.E.T. (MO)	2.295
Young, James G.	C.E.T.	2.28
Riddle, Arthur B.	C.E.T.	2.218
Owenby, William J.	E.E.T. (EO)	2.214
Brock, Edward E.	E.E.T. (EO)	2.214
Oliver, Robert L.	I.E.T. (MO)	2.14
Fittman, Chas.	I.E.T.	2.13
Bennett, Hearn (NMN)	M.E.T.	2.12
Cooper, Lynn J.	A.C.E.T.	2.126
Montgomery, William C.	B.C.	2.125
Dixon, Robert F.	I.E.T.	2.11
Sinclair, William D.	C.E.T.	2.09
Warren, Ronald D.	A.E.T.	2.08
Ashmore, Walter G., Jr.	E.E.T. (EO)	2.07
Tyson, Michael J.	I.E.T.	2.04
Pilgrim, Fred H., Jr.	C.E.T.	2.04
Griffin, Leon C.	C.E.T.	2.00

The following are arranged alphabetically; no point average is shown for students averaging below 2.00.

Acosta, Frank J.	I.E.T.	
Ballard, Gerald S.	B.C.	
Benton, Robert B.	I.E.T. & I.E.T. (MO)	
Cook, Everette E.	C.E.T.	
Edleman, Donald	A.C.E.T.	
Goodloe, Edward G., Jr.	I.E.T. & I.E.T. (MO)	
Hall, Paul V.	C.E.T.	
Kehoe, Patrick	A.E.T.	
McKenzie, Lewis A.	M.E.T.	
Martin, James D.	E.E.T. (MO)	
Mullis, Joseph G.	C.E.T.	
Rothrock, Joseph M.	B.C.	
Schoul, Thomas J.	I.E.T. & I.E.T. (MO)	
Scott, Julian C.	E.E.T. (EO)	
Smith, James H.	E.E.T. (EO)	
Snipes, Thomas E.	C.E.T.	
Sutton, Derrell C.	B.C.	
Tull, Albert D., Jr.	B.C.	
Ware, Reuben A., Jr.	E.E.T. (TO)	

NOTE: B.C. (Building Construction Technology) is now called A.E.T. (Architectural Engineering Technology)

New Students Number 450

The Registrar's Office has published a breakdown of the total STI enrollment of all new students — beginning freshmen and transfer students — indicating that 450 students are attending Southern Tech for the first time this quarter.

The 450-student total represents an increase of 71 students over that of the 1963 fall-quarter total.

Non-Georgia resident students at STI this quarter number 79. Of this total 11 students come from 7 foreign countries — Columbia, Mexico, Peru, India, Cuba, Iran, and Venezuela.

In addition, twenty states are represented in the out-of-state enrollment of new students. Florida, South Carolina, and Alabama, ranking in that order, contribute nearly half of the out-of-state enrollment.



Photo by Neville

Tau Epsilon Sigma members demonstrate initiation project on campus.

Tau Epsilon Sigma Holds Initiation

Tau Epsilon Sigma, a campus representative of the National Telephone Engineering Society, recently held its annual initiation. The club initiated seven new members—Don Todd, Ed Tourje, Tom Peneck, Dave Fuller, John Morgan, Jimmy Hamilton, and Terry Hale.

Part of the initiation procedure was to construct a giant telephone, which, once complete, was placed on the campus Rock. According to Mr. Bill Spaeth, adviser to the club, the telephone was stolen from the Rock on Thursday afternoon, December 4.

Tau Epsilon Sigma is actually a campus-wide organization instead

of a departmental club, according to Spaeth. Not all of the organization's fifteen members are enrolled in the Electrical Department's Telephone Option.

Spaeth stated that future club activities — like those in the past — will include field trips, lectures, films, and even a social gathering or two. During the week of initiation, members of the club were feted at a local Marietta restaurant.

Earlier in the fall quarter, the club took a field trip to Atlanta's Merchandising Mart to observe the Bell Systems Communications Dis-

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Tentative Schedule Of Courses Offered In Evening Classes By Southern Tech Winter Quarter 1965

A.E.T. 126, Descriptive Geometry	7:30-9:30 M, STI, Bldg. 5
Laboratory	7:30-10:30 WF, STI, Bldg. 5
A.E.T. 244, Estimating (also required for C.E.T. Degree)	6:00-7:00 T, STI, Bldg. 5
Laboratory	6:00-8:00 Th, STI, Bldg. 5
C.E.T. 216, Indeterminate Structural Analysis (also required for A.E.T. Degrees)	7:00-10:00 T, STI, Bldg. 5
E.E.T. 135, Basic Electronics (replaces E.E.T. 131)	6:00-7:30 MWF, STI, Bldg. 4
Laboratory	7:30-10:30 W, STI, Bldg. 4
E.E.T. 242, Communications Circuits	6:00-7:30 MWF, STI, Bldg. 4
Laboratory	7:30-10:30 F, STI, Bldg. 4
E.E.T. 267, Communications Technology (replaces E.E.T. 262)	6:00-7:30 T, STI, Bldg. 4
Laboratory	7:30-9:00 W, STI, Bldg. 4
I.E.T. 224, Principles of Engineering Economy (formerly required for M.E.T.)	7:30-10:30 M, STI, Bldg. 4
I.E.T. 131, Methods Improvement (also required for M.E.T. Degrees)	6:00-7:30 M, NCB, Room 354
I.E.T. 155, Industrial Safety	7:30-8:30 W, NCB, Room 354
I.E.T. 225, Cost Control	6:00-7:30 TTh, NCB, Room 354
M.E.T. 121, General Metal Lab (also required for both Industrial Options)	6:00-8:00 T, STI, Bldg. 6
M.E.T. 112, Metallurgy and Heat Treating	6:00-10:00 Th, STI, Bldg. 6
M.E.T. 224, Welding	8:00-9:00 F, STI, Bldg. 6
Draw. 111, Engineering Drawing I	6:00-8:00 T, STI, Bldg. 6
Draw. 112, Engineering Drawing II	6:00-10:00 Th, STI, Bldg. 6
Draw. 221, Machine Sketching	7:45-10:45 MW, STI, Bldg. 5
Draw. 222, Machine Drawing	7:45-10:45 MW, STI, Bldg. 5
Draw. 231, Electrical Drawing	7:45-10:45 MW, STI, Bldg. 5
English 112, Composition and Rhetoric (required for all degrees)	8:00-9:30 TF, NCB, Room 356
I.E.T. 111, Human Relations (required for all degrees)	8:00-9:30 TF, NCB, Room 357
Math 111, Algebra (required for all degrees)	6:00-7:30 MWF, NCB, Room 370
Math 112, Trigonometry (required for all degrees)	6:00-7:30 MWF, NCB, Room 371
Phys. 132, Electricity (required for all degrees)	6:00-7:30 TTh, STI, Bldg. 2
Laboratory	7:30-10:30 Th, STI, Bldg. 2

IMPORTANT NOTES:
1. "STI" means Southern Tech, Marietta; "NCB" means New Classroom Building, Georgia Tech.
2. Winter registration date is Monday, January 4. During the day students may register either at Southern Tech, Marietta, or at Room 111 in the former Evening School Office, Swann Building, Georgia Tech.

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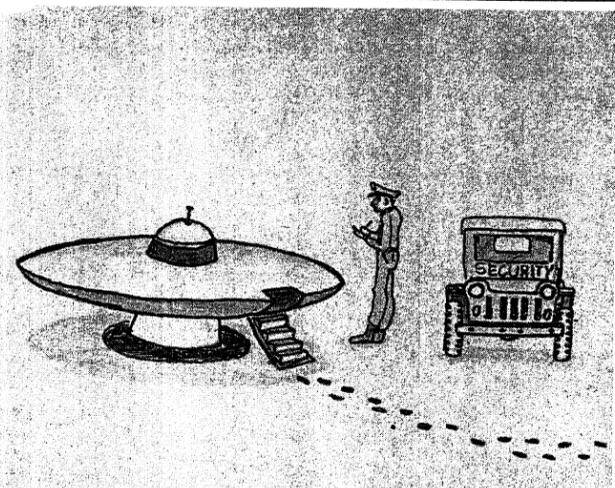
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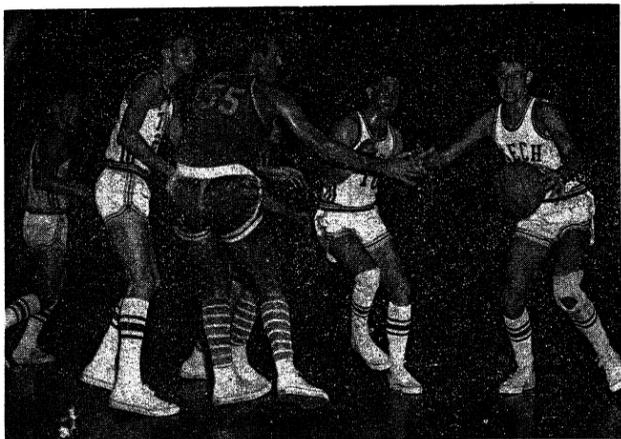
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The JIFFY DRIVE-INS



Dick Waters, Ron Hardy, Dan Burge, and Rick McLarty in action against North Georgia.

STI Downs North Georgia By Score Of 88 To 85

The Southern Tech Hornets rode the hot shooting and rebounding of Robert Jordan to an 88-85 victory over previously undefeated North Georgia Vocational Tuesday, December 1 at Clarkesville. It was sweet revenge for Coach Harry Lockhart's line since North Georgia had previously defeated STI by the lopsided score of 106-71. Jordan tossed in 31 points and claimed seventeen rebounds. He was supported in the scoring column by Dick Waters with 26 and Fred Smith with 15. Ron Hardy claimed nine big rebounds. Ronnie LaPann led North Georgia's scoring with 25 points. He was

closely followed by Tom Buchanan with 24 and Sam Sapp with 20. The first half saw the score change hands several times before STI opened up a 42-39 advantage at intermission. The Hornets never trailed in the second half and at one time led by ten points. The battle was decided on the boards where STI had a decided advantage, claiming 46 rebounds to seventeen for the Warriors. Lockhart was elated at the play of his squad. "When you give up three inches per man on the front line and still dominate the boards, you have done a job," he commented.

Baby Jackets Sting Hornets

The Georgia Tech Freshmen defeated Southern Tech Saturday night, December 5, by a score of 93 to 73 at Georgia Tech's Alexander Memorial Coliseum. Georgia Tech jumped off to an 18-point lead before the visiting Hornets scored their first field goal. The lead was cut to 43-31 by halftime, but Southern Tech never came closer than within 10 points in the second half. Robert Jordan with 19 points and Dick Waters with 17 points led the STI scoring while Ridenour, Tomasovich, and Clark had 17, 15, and 14 respectively for Georgia Tech.

South Georgia Nips STI Cagers

South Georgia Vocational defeated a determined Southern Tech team by a score of 88 to 82 at Larry Bell Auditorium on Tuesday, December 8. With 13 seconds left in the game, the Hornets pulled up to within two points making the score 84 to 82. During the first half the score was tied five times. South Georgia pulled away from Tech with 6:43 minutes left in the half, making the score 30 to 26. From that time on, South Georgia held the lead through the game. The score was 45 to 39 at the half. Dick Waters tallied 32 points in the game, which was the highest number of points scored by any STI player in one game of regular season play this year.

Southern Tech Has Bad Start Waters Leads With 23.6 Average

The Southern Tech Hornets have lost five games and won three. Two of the wins were over the same opponent — John Marshall. The other win avenged an earlier loss to North Georgia. In the lost column three games were lost by three, five, and six points to Truett McConnell and two to South Georgia respectively. The other two losses were to North Georgia, 71-106, and to the Georgia Tech Frosh 73-93. The Southern Tech quintet has totaled 732 points in eight games; the Hornets' opponents have scored a total of 666 points against STI. Southern Tech has averaged 91.5 points per game, while the opposition has averaged 83.2 points. Dick Waters is leading the STI individual scoring with 189 points in eight games. He has averaged 23.6 points per game. Robert Jordan is second with 132 points, averaging 16.5 points per game. In all but two games Waters has scored 20 points or more in each game. In the Truett McConnell game Waters scored 30 points, and in the South Georgia game he scored 32 points. Robert Jordan scored 31 points to lead Southern Tech in their win over North Georgia.

Hornets' Basketball Scores

STI	Opponent	Score
120	John Marshall University	58
71	North Georgia Vocational	106
125	John Marshall University	55
94	South Georgia Vocational	99
88	North Georgia Vocational	85
73	Georgia Tech Freshmen	93
79	*Truett McConnell College	82
82	South Georgia Vocational	88

*First Conference Game
Based on Regular Season Games and Does Not Include Alumni Game.

Booster Club Shows Progress

The 1964 Booster Club has increased its membership over 100 per cent from that of last year, according to Instructor Larry Parlett, vice-president of the Booster Club Membership Committee. This year the club has raised enough money to send eleven students to Southern Tech on athletic scholarships. The eleven now comprise the varsity basketball squad. Coach Harry Lockhart, in an interview published in the October issue of the *Engineering Technician*, stated that this year's team could possibly be the best team he has ever coached at Southern Tech. The eleven men helped by the Booster Club have been a credit to the school, stated Parlett. All are doing above average work in their classes. Parlett also stated that any students interested in joining the Booster Club, thereby aiding the athletic program of Southern Tech, may contact student Dan Burge. Student fees are \$2.00 per year. Students may also support the team by attending ball games, Parlett added.



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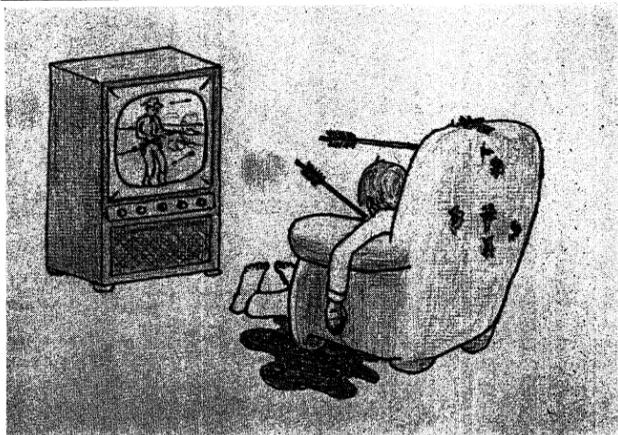


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