

THE ENGINEERING TECHNICIAN

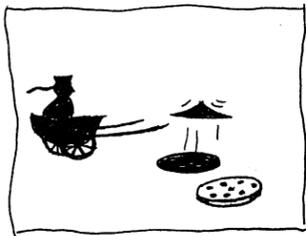


Vol. XVIII

Southern Technical Institute, Marietta, Georgia, January 28, 1966

No. 5

Rick Shaw



Do You Agree?

Due to numerous complaints and a petition passed concerning the STI cafeteria, Director Hoyt McClure called a meeting to let students expand on their gripes. Present at the meeting were Mr. R. B. Logan, director of auxiliary services for Ga. Tech.; Mr. C. W. Boyd, director of dining halls and, and seven students representing the dorms.

Of the many problems brought up, food shortage—especially chicken and pecan pie—meal tickets, watery eggs and gluey grits, and leftovers on Saturdays were mentioned.

Commenting on the meal ticket situation, Boyd said, "Meals only cost the student around \$0.69 each, and at that price, we don't even break even." Logan noted that the price of the meal is cheap enough so that the light eater gets his money's worth and the heavy eater gets a bargain as far as price is concerned.

Boyd commented that he had visited many college cafeterias before opening ours, and our cafeteria had a larger variety of food than most other colleges.

Logan has studied the meal situation on campuses around the country, and at one particular university in Indiana (11,000 dorm students), students only chose their meat — the employees then dished out the vegetables, bread and desert. "Contrary to rumor," said Logan, "boarding schools throughout the country work the same way as we do, as far as meal tickets are concerned."

Students who do not have time for lunch have three advantages going for them. Upon seeing Mrs. Mavity, Director McClure's secretary, for schedule verification, the students may 1) order a box lunch in the morning, 2) get special "jet system" consideration, or 3) use the meal ticket at the snack bar.

Most students will agree that cleanliness is the biggest problem. One student, present at the meeting, reported he found a plate full of hair at one meal. Another related a story of "crud" in the bottom of a glass.

One of our faculty members, having never eaten in our cafeteria before, was astonished to find his hand stuck to a tray by a big blob of bubble gum.

Logan and Boyd promised to call another meeting in about a month to see if the cafeteria situation suits the students any better.

Many of the problems facing the cafeteria concern not only the workers and equipment, but also the student. Your co-operation and patience is greatly needed. We suggest that you, the student, help out by keeping cigarettes out of glasses and cups, and putting "used" gum in a piece of paper, not on the bottom of a tray or plate.

Rick Shaw says:

One way to keep people from jumping down your throat is to keep your mouth shut.

STI GYMNASIUM UNSAFE!?

RUSK TO SPEAK IN ATLANTA

Marietta Mayor Terms Gym Unsafe

Some very serious deficiencies have allegedly been discovered in the construction of the new STI gymnasium. In a resolution sent to Gov. Carl Sanders, the Marietta City Council and Mayor Howard Atherton listed some of the structural weaknesses found at the building site.

Probably the most dangerous of all the alleged weaknesses is the fact that the gym is being constructed of exposed steel. City Manager Walter Brown made the statement that exposed steel increased the danger of a rapid collapse of the building during a fire. He said that steel loses its strength at about 1300 degrees; after that, the weight of the building causes it to collapse. The city fire inspector also noted other changes which should be made. These include a larger amount of exit space, a manually operated fire alarm system, provision for emergency lighting, and automatic smoke vents (since the building has no windows). In order to comply with the National Building Code the columns and piers supporting a load from one floor need to withstand a certain amount of time before collapse. In this case, the time required is two hours - in the case that a column supports a load from more than one floor the time is three hours. The following specifications for collapse time were given also in the resolution:

Girders, trusses that support loads from one floor to next - two hour.

Floors - two hour

Roofs - one and one-half hour.

These specifications also include any beams that might support concrete or masonry.

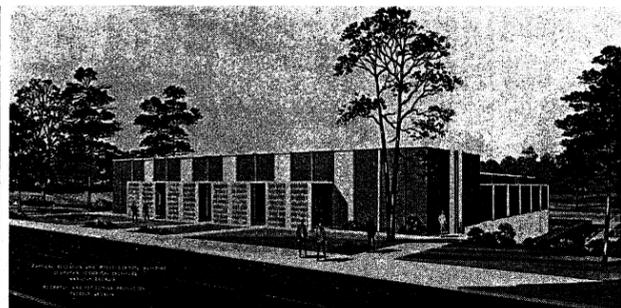
Since the gym will be used as a place of public assembly, these requirements must be met in order to provide for the welfare of the citizens of the community and others who may use the building.

Bothwell and Associates of Decatur, architect of the building, began construction in the fall of this year, and originally planned completion before fall 1966 at a cost of \$414,000. The figure has been revised, however, to \$471,000.

The resolution, which was also sent to the State Board of Regents and the Cobb legislative delegation, contained a reminder that the Larry Bell Auditorium was destroyed in a fire last year due to construction of exposed steel.

* * *

In the last ten years the quantity of electricity generated by nuclear power has increased 1700 times! Some experts predict that man will need more electric power in the next 50 years than he has in all his previous years on earth.



Southern Tech's Physical Education and Multi-purpose Building—That was the gym that was.

Proposed GI Bill Would Aid Education

By GREG McCLURE
Technician News Editor

There is a possibility that the war in Vietnam could be stirring up a new proposal in Washington — a new GI Bill. Although the Johnson Administration is seeking an educational aid proposal, Congress is planning a similar proposal offering more generous and liberal benefits.

At the present time, there are over 175,000 U. S. servicemen involved with the Vietnam war and the number is expected to rise in months to come. Whether or not Congress receives the aid of the White House, it will want to emphasize a veteran's aid bill. If the Congressional Bill is adopted without White House aid, it will probably be a larger and more costly program that the President would want in existence.

According to the *Wall Street Journal*, a program by the Administration would probably cover educational aid (tuition and expense of attending an institute of higher learning or vocational school). Benefits received in the past such as the mortgage guarantees, apprenticeship training, and unemployment payments would probably be eliminated.

Eligible for the program would be those involved in the Vietnam build-up back in 1963 to the time from which the bill is passed.

The previous bill provided for four years college tuition and sub-

sistence checks two years after service time. The new bill would probably have a shorter duration time while providing funds to those who had served in danger spots such as Vietnam. In order to receive one year's benefits, one full year's service would be required.

The bill could also provide aid to those still in service. They could receive funds for attending nearby colleges or institutions. The main idea in passing the bill is to keep the expense below the \$300 million-\$400 million "cold War Bill" soon to be considered by the House. This Bill offered an educational allowance of \$110-\$160 per month. Whatever the outcome, Congress will probably deny anything less than that of the Korean Bill.

There is also the problem of "Who will handle the program?" The Office of Education is better equipped and better staffed than ever before; but the Veteran's Administration has handled GI BILLS in the past. One solution has been suggested—That the Office of Education hand out scholarships while the VA office provides counseling and extra benefit allowances. Whatever the outcome, Congress is determined to provide today's servicemen with enough allowance for today's high college expenses.

GYC Backs "Affirmation: Viet Nam"

The Georgia Youth Council, a politically non-partisan organization of students who have proved themselves to be leaders in the state, is playing a key role in the operations of "Affirmation: Viet Nam."

The Council is using its statewide structure to conduct an opinion poll throughout Georgia concerning the United States government's commitment to South Viet Nam.

Civic clubs, schools, and other similar groups have been contacted by the district chairman of the Council regarding execution of the poll. According to Tom King, state chairman of the Council, canvassers will attempt to reach "a representative number" of Georgians. The poll will give citizens of the state an opportunity to register feelings of support or non-support for the United States' commitment to Viet Nam.

Members of the Youth Council are also participating in the educational program of "Affirmation: Viet Nam." Several district chairmen are serving as lecturers to civic groups concerning the historical backgrounds of the United States' position in Viet Nam.

The Council is also taking part in the publicizing of all aspects of "Affirmation: Viet Nam," including the assembly in Atlanta Stadium February 12.

Members of the group voted support for the movement early in December of 1965, and all officers agreed to join in the effort.

Governor Carl Sanders was instrumental in the establishment of the Georgia Youth Council last November. The group consists of student leaders from each of the ten Congressional districts of the state; these leaders are appointed to the Council by Governor Sanders, and run the organization.

According to its constitution, the purpose of the Council is "to become better citizens through understanding of the affairs of State Government; through participation at the community level to establish a better way of life for all young people; through assistance of governmental departments and leaders in matters concerning all youth."

Officers are elected on state and district levels.

Secretary of State, Dean Rusk, has accepted an invitation to speak at February rally. A goal of 55,000 participants for the rally has been set.

SPECIAL BULLETIN:

STI will welcome

WSTI in the very

near future — Official OK has been given, equipment is being procured and assembled — operation expected within 30 days.

Valentine's Ball
February 18

See Story On
Page 5

Roger Hicks

What Are We Here For, Anyway?



Roger Hicks

Elsewhere on this page is an exposition by a. d. monishment on registration. Although a. d. seems to be a rather nasty fellow, those of us who know him know that he is really a sweet little thing who only swings his axe at those who unsuspectingly turn their backs. It is my wish here to take up where he left off, namely, with what happens right after registration.

Every quarter I am "distressed" at the number of my fellow students who juggle their schedules, drop courses, and change classes for the purpose of avoiding a difficult instructor and/or getting an easy one. I suppose in practically every department of every school there are some members of the faculty who have a reputation for being either unusually difficult or unusually easy. Very often getting the easy one means getting a good grade, while getting the hard one means getting a poor grade—even an "F." It has been my experience that even though a high grade under a difficult instructor is many times impossible, when all is said

and done, the students who had him learned more than they would have under an instructor who did not require as much of them. Those "difficult" instructors I have had here at STI not only required more of me but were better teachers. If you really have a desire to learn, you will not fail the course, and even though you draw a lower grade, perhaps, you are better off for it.

Of course, sometimes it is the course and not the instructor that is difficult or easy, as the case may be. I also wish to add that I am not, specifically or generally, criticizing or complimenting any faculty member or group of faculty members at this or any other school. Finally, I am not criticizing any students or any of their practices. I am only urging that each one of you carefully consider the values that are involved, and if you are here to learn FIRST, and to get good practice that won't deprive you of getting every ounce of knowledge possible out of every course you take.

International Understanding

By

KANWAR J. S. MEHTA, MA, IMT, AMIEE

We live from crisis to crisis, and no one knows when a crisis may result in an eruption. Great and powerful nations, filled with fear of each other, go on arming themselves with the latest weapons of mass destruction. It is obvious that this is not the way to solve a crisis. It is not through war and ever-increasing armaments, with fear and hatred at the back of them, that we shall solve the world's problems. We must seek another way. That way can only be one of peace and an attempt to understand each other. All countries in the world have a duty and an obligation to work to this end. The events of the last few years have shown how vitally our lives will be affected by whether the nations succeed in working together or whether suspicion and mistrust will frustrate co-operation and lead to continual conflict or even to war.

Is there anything we can do about it? Yes—there are many things that each one of us can do and one of them is to conduct International Youth Clubs. By being in clubs of this type we learn about international affairs, international co-operation and international organizations. We have a reasonable number of foreign students in Georgia and we can get them on the membership rolls of such clubs. I believe they will gladly do it.

By discussing and considering modern problems, we gain confidence in our ability to think about them, to take account of bias and prejudice, and to make up our minds. We learn to put our views clearly and effectively to others, and it is a very interesting way in which we can gain a fuller understanding of the world today.

Another way of creating international goodwill and international brotherhood is by asking foreign students to spend the weekends with American families. This idea will serve two major purposes: It will let them feel less homesick, and it will keep them from feeling that they are far away from home and family in a strange land. By living with the families they will feel they are part of the families and share their ideals.

Secondly, they will be learning about different aspects of American life and by living with American families they will have many things to do and share in many social activities. Have you ever thought how scrapbooks of typical events in the daily life of your town or country are of great interest to your adopted friend?

Through your adopted friend, you learn about different aspects of his country's life, its homes, schools, food, clothing, industries, national and local governments, art, music, literature; the foreign students will also broaden their outlook by learning all these aspects from their host families. By living together, we learn to know one another, to respect cultural differences and to discover human likenesses. Through this experience, people gain a better understanding of other cultures and a fuller appreciation and understanding of their own. The things I have mentioned are the goals I wish to achieve: The things I wish you all to give a trial.

Whether this experiment can influence the world in time to save us from the disaster of war is problematic, for war is the result of a total lack of appreciative understanding between peoples and persons. One thing is sure however, and this is that the more widely this experiment is practiced, the sooner and more powerful its influence will be.

Pearl S. Buck says every good work depends for its existence and growth upon the number of good people who support it. Let us good people dedicate ourselves to the building and perfecting of this first essential to peace—an appreciative understanding between the peoples of earth.

If we succeed in creating such an atmosphere, I am sure that day will be the golden day in human history and the world will never have the fear of war. Let us hope that we will find this dream coming true in our own lifetime: Let us all earnestly work for it.

Kanwar J. S. Mehta

New Trend "In" Dress

(ACP)—Want to be "in" by dressing "out?" It's a new game Wayne State University students are playing, say the *Daily Collegian*.

Typical uniform is too-short levis which must be so dirty that it is impossible to approximate the original color, a moth-eaten sweatshirt, and a moldy U.S. Army field jacket.

You may have to search through a thousand grubby army surplus stores before you can find a jacket with just the right number of bullet holes, rusted snaps, and mysterious stains on the sleeves, but that's all part of the fun.

The game fulfills a useful purpose—protesting against the commercialism of our times, rejecting the attitude of "Nothing is sacred if it can be profitable instead."

Modern youth often feels it was plugged into the television soon after birth and consequently missed rolling barrel hoops and hopping freights and other ethnic activities to identify with.

Thus the stampeede is on to promulgate artificial roots via the acquisition of ethnic-type symbols. Typical high-scoring item: rimless glasses that instantly make a bright-looking Ivy Leaguer look like the oldest bomb-tossing anarchist in the world.

Wearing filthy rags isn't enough. You must constantly remind others that you are suffering. Point toward the mysterious stains on your army jacket and yell, "See that? That's sweat!"

Of course, men always have an edge over women in the slob competition because they can go unshaven. They usually stop short of growing a beard, because beards sometimes have a way of looking distinguished. That, of course, would put one out of the game.

Where do the really great slob go? Do you know what those old winos down on Skid Row were wearing the other day? You guessed it:

Rimless glasses, torn sweatshirts and, of course, old army field jackets (with real sweat).

These men point the way for the University slob movement. You, too, can achieve the ultimate and become a dirty old man before your time.

Technician's Log Needs You!

WANTED—Workers for LOG. The Technician's Log needs workers and department editors. If you want to work on the staff, a position will be arranged.

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 1966 LOG. The only qualifications really needed are an interest in producing a good school annual and a willingness to work.

For more information, see Mr. Hunkin, Room 285, Building 2; Rick Shaw, Roger Hicks or Jim Dowdy in Room 469, Building 4.

New Year's Resolution

1. Develop a 30 hour day* (48 minutes each)**
2. Bend the calendar (Saturday begin at 1400 hours on Wednesday, pauses at 1000 on Friday, resumes at 3000 hours Friday and continues until sundown) (Sunday begins at sundown of Saturday, ends at 1000 hours

*Think of the footnotes you could add to this!

**Think of the footnotes AFL-CIO could add to this! ! !

Here We Went Again!?!?

By A. D. MONISHMENT



Well, registration is over and . . . say, we seem to remember starting one like this not too long ago. What was it about? Oh, yes registration. Actually, we were considering a reprint of our last "registration highlights" if registration was as bad this quarter as it was last quarter. Well, we were honestly surprised — things have actually changed! This quarter STI registration procedure defied all apparent laws of possibility and got worse! Confusion increased, lines were longer, and frustrations were at an all-time high.

We feel that something should be done and we believe it should be an improvement. Many students who complained about spending 2½ hours registering last quarter we re dismayed by a 4-to-5-hour duration this time. Assuming each school quarter lasts 8 weeks (not counting final exams) and assuming the time required to register continues to increase at the rate of two hours per quarter, students who register here 672 years from now will not finish registering until the beginning of the week of final exams. This is even more ridiculous when you realize that this is 1344 hours of standing in line after line with no sleep. Maybe the young people of the year 2638 will be capable of this kind of nonsense. Compared to this, we have it easy. But compared to some realistic standard, we are already putting up with nonsense.

This time we are going to do something besides "knock" registration; we are going to suggest specific improvements:

1. Some departments pre-register for each quarter during the preceding quarter. All departments

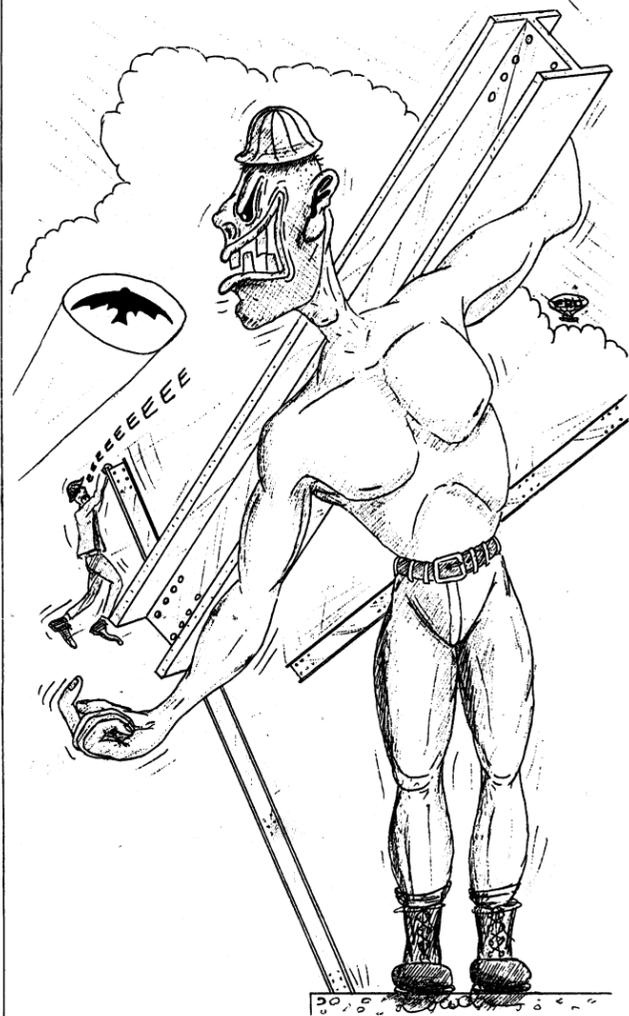
should do this. Some of the ones that already pre-register waste time during registration by repeating some of what was done during pre-registration. This is stupid! Pre-registration is good because it saves time for everyone, students and faculty members, during registration as well as helping give advance warning on what courses will be needed and how heavy the demand will be.

2. Lines that are traditionally long should be handled by more faculty members. It would also help to have several lines, divided alphabetically, at these points. This, too, would benefit students and faculty members.

3. All course cards for all subjects should be drawn and turned in at ONE CENTRAL LOCATION. This may not be possible at the present time, but when our new gymnasium is complete, it will be. This saves a lot of time now spent in transit between buildings, not to mention a lot of confusion for new students.

4. Some lines are slowed down by students who have special problems. Each main station in the registration "chain" should have a faculty member whose sole purpose is to handle special problems. This will prevent the average student with average problems (registration, mainly) from being delayed by the special problems of another.

We invite any further suggestions, whether in addition to the above or in place of the above, to be sent to the *TECHNICIAN* in the form of a letter to the editor. We all hope that this space in the next post-registration issue of the *TECHNICIAN* can be devoted to some other subject.



Hey Bud! You told everyone else that the gym wasn't safe. Now, why not come up here and tell me?

Southern Tech Forum

Dear Editor:

"Affirmation: Vietnam" is the result of the concern of students and citizens throughout the state of Georgia who are seeking to show once and for all the support for our nation's commitment to Vietnam. We have been greatly encouraged by the support for our organization from political, business, and religious leaders, as well as members of the press, radio, and television.

The program of "Affirmation: Vietnam" can achieve dramatic effect throughout the nation and the world. But the extent of this impact depends on coverage and support from all phases of the news media. However, the main support for this program must come from the colleges and students throughout the state. I sincerely solicit your support as leaders of your campus newspapers in putting this program over to the students in your school.

We will send you as much information as possible throughout the coming weeks to keep your coverage up to date and complete. We welcome your questions and correspondence.

Sincerely,
Wayne W. Wood
Publicity Director
"Affirmation: Vietnam"

I hope we can expect many STI students at the "Affirmations Vietnam" rally on the 12th. Good luck and keep up the good work.—Ed.

Dear Editor,

I believe that STI needs a football team. Football would give more boys a chance to get some physical exercise. If a person has to sit around the dorms with nothing to do but study all the time he loses interest, and football would give him other exercise. If STI formed a team, others would follow, and we could have competition between other small colleges.

R. B. T.

Hey Mac, what's this football bit? Didn't we hear from you in the October Edition? I hear rumors that Alabama may move its team to STI.—Ed.

Dear Editor:

Several of my friends have recently "lost" a book, one of them right out of his room. It is bad enough to lose a book, but to lose the notes that go along with the course. . . . Another "lost" one from the rack at the snack bar.

What I want to know is, what's going on around here? I would like to suggest a real shakedown inspection, either in or at each class or each dorm room or both.

Really losing something is one thing, but just the feeling that anything we put down for a little while isn't safe—is something up with which we should not have to put.

DAVID BABB

Funny you should mention this. It seems I "lost" a couple books this quarter. How about it administration, can't we do something about this?—Ed.

Dear Editor,

I believe there should be more recreational equipment at STI. The lounges in the dorms should be equipped with weight lifting facilities, chinning bars, and wrestling mats. The addition of a tennis court to our campus would add a lot to our recreational facilities. The mentioned equipment and facilities would cost very little and would be greatly appreciated by all students.

W. H. A.

These tennis courts are being planned along with the gym. The other items you mentioned are now in and in use.

Dear Editor,

When I returned to school on Sunday night, it was raining very hard. It was at this moment that I realized how very badly Southern Tech needs more sidewalks. There was no possible way to unload my clothes and move my car way up the road to a parking lot and still not get my feet muddy and soaking wet. Better and more sidewalks could very much improve this.

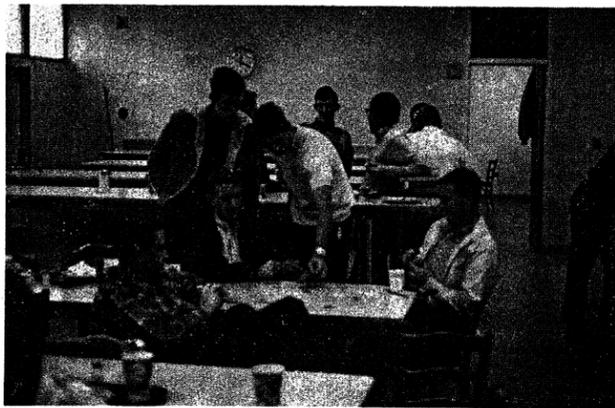
B. S.

Dear Editor,

Some people are born walkers. They may some day enter the Olympics. This is good for them. I, however, am not a born walker. I am not lazy, either, but I get tired of walking from dorm to dorm or from one building to another on STI's campus walkways. The shortest distance between two points is a straight line! Why can't we have walkways straight from the dorms to the classrooms, or elsewhere, straight there instead of walking a yard to get a foot. Mazes are for pencil work, not for foot work.

E. C. L.

Were you born with wheels? Boy we have some winners here. Personally, I use a golf cart to commute.—Ed.



Dear Editor,

In the November TECHNICIAN there was an article written by a professional radio announcer who gave the most practical views on an STI radio station that I have heard yet. The most important consideration here is money and I think the students' and taxpayers' dollar could be used to much greater advantage for the school. We have a fine reputation, so let's not spoil it by doing something without careful planning and consideration. I don't think you can buy a reputation; it's something that comes with time and the character and ability of our graduates.

C. W. P.

Whoa, back up Chuck. We don't plan to have a regular commercial station. It will be closed circuit and won't cost half as much as WBIE. Most of our equipment so far has been donated and hasn't cost the school a nickel.—Ed.

A railroad worker was called into the station office by the manager to be tested on his knowledge of switching trains to prevent collision: Manager: "If two passenger trains were moving towards each other on the same track, what would you do?"

Worker: "I'd call L.C."
Manaker: "Who is L.C.?"
Worker: "Oh, he's my brother. He's never seen a big train wreck."

1965 News Review Quiz

Each of the following men is now a candidate for, or has recently been elected to a major post. Match the name with office and its location. Answers will appear in the February issue.

1. Julius Neyerere
I. _____ II. _____
 2. Amintore Fanfani
I. _____ II. _____
 3. Ludwig Erhard
I. _____ II. _____
 4. Lester Pearson
I. _____ II. _____
 5. Charles DeGaulle
I. _____ II. _____
 6. Diosdado Macapagal
I. _____ II. _____
- I. The Office
A. President
B. Chancellor
C. Prime Minister
D. Vice President
- II. The Location
E. Bonn
F. Manila
G. United Nations
H. Ottawa
J. Dar es Salaam
K. Karachi
L. Paris

Dear Editor,

I think it would be to a good advantage for the students if classes started 30 minutes later in the morning. I realize that this would call for a change in the schedule that would have some drawbacks. This would, however, allow a lot of people to eat breakfast. I think the only people in the world who get up that early are the people who run the cafeteria. Perhaps if it were possible to buy a meal ticket that did not include breakfast, the student wouldn't feel so bad about sleeping those few extra minutes each morning.

D. M.

I'm in favor of beginning classes at about noon and ending at one. Who feels bad about missing breakfast?—Ed.

Dear TECH:

When commuting students head for home out of the parking area back by the library they are likely to be in a rush. So what happens? Before your engine is warmed up enough to keep from stalling, you have to come to a dead stop at the end of the first couple of hundred yards. The stop sign at the junction of the entrance road and the back parking lot road — where the Gas department sign is — should be a YIELD sign, not a stop sign.

Traffic is light, and vision is clear in six directions at that spot, so why don't you do something about it?

B. W.

What does B. W. stand for?—Ed

Editor's Note: The Civil Department ordered an instrument stand. Tech Purchasing put it out for bids. Brunson Instrument Company was low bidder. When the bill was received, it was for the amount bid, less \$110 contribution to the department. The following is a reprint of a letter to Mr. J. W. Ethetton, Division Manager, Brunson Instrument Company.

Dear Mr. Ethetton:

I was pleasantly surprised upon receipt of the bill from your company for our instrument stand. Your contribution of \$110 to the Civil Department is greatly appreciated and we would like to take this opportunity to thank you and state that yours is the first company to have made such a contribution.

As you know, we are planning to gradually build up our line of optical tooling equipment as funds are made available. Your contribution has allowed us extra money to spend. It is good to know that you are interested in us and we deeply appreciate this contribution.

Please stop in to see us on your next visit in the Marietta area.

Very truly yours,
C. T. Holladay, Head
Civil Department

As A Matter Of Fact . . .

The 1966 "Summer Employment Directory," just off the press, contains information on 45,000 summer job openings throughout the United States and Canada. College students are invited by employers listed to make application now.

The greatest increase in jobs for 1966 is at resorts, summer camps, and summer theaters. National parks, ranches, business and industry, government, and restaurants also need help. Students can earn from about \$300 to \$1,500 during the season; salaries are up \$100 to \$250 in some jobs.

Of particular interest to employers are willing workers who will stay the entire season. Other qualifications often desired are experience, musical talent, knowledge of lan-

guage, and at least sophomore standing.

To obtain detailed information on 45,000 summer job openings for 1966 and tips on making application, send \$3 to National Directory Service, Dept. C., Box 32065, Cincinnati, Ohio 45232. Mark "rush" for first-class mailing.

first-class mailing in December.

Those new so-called sandwich coins that you are seeing around are slightly lighter in weight than the older, silver ones. The new half-dollars have an overall silver content of 40% against the 90% silver content of present coins; the new dimes and quarters contain no silver at all.

The Engineering Technician

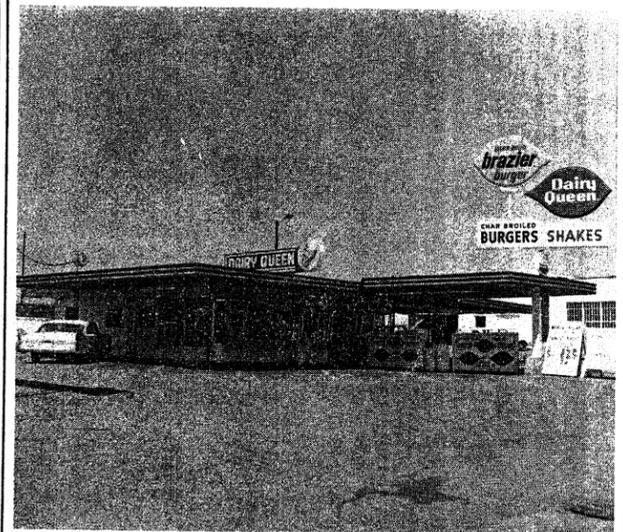
Published monthly by the students of Southern Technical Institute
Marietta, Georgia
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FREE MILK SHAKE



DAIRY QUEEN

AND BRAZIER BURGER

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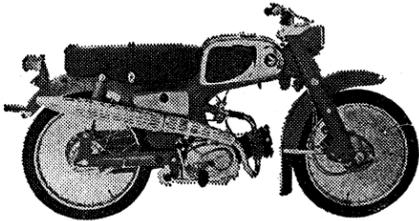
"Special to STI Students Jan. 31-Feb. 4
With Purchase of BRAZIER DeLuxe
and Copy of This Ad

"A FREE MILK SHAKE"

B. O. Crevice

B. O.'s BEST

A friend who owns a twin-engine plane offered me a ride from Miami to Nassau. He is an excellent pilot and I was delighted to accept. As he checked out the plane for the return trip, he mentioned that he didn't like the sound of one engine but assured me there was nothing to worry about because the plane could fly well on a single engine if necessary. Sure enough, halfway back to Miami, the motor conked out and, although the plane continued to fly smoothly, he was plainly worried. To reassure him, I reminded him of his own words. But he pointed out the dead engine and said, "That wasn't the one I was worried about!"



New power, new styling, new performance, new engineering perfection. The Honda S-65. Low initial price; easy terms. It's ready for you today, at

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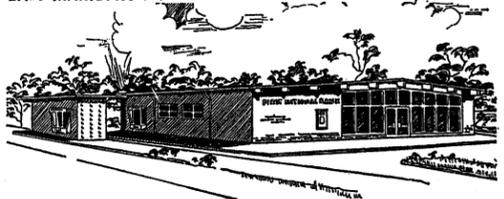
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Denning Returns From England Tour

Richard G. Denning, Associate Professor of mathematics at Southern Technical Institute, has just returned to his faculty position after an extended inspection of English technical schools. Denning toured the English technical education schools under the sponsorship of the English Speaking Union.

Following his return to Southern Tech Denning will report to the sponsoring organization on his observations and recommendation. He will also report to the Southern Tech faculty.

The English Speaking Union, composed of representatives from England and the United States, operates as a cultural exchange between the two countries. While Denning was touring English technical schools, English representatives visited Southern Tech and other U.S. technical colleges. Denning was selected for his tour by the American Society for Engineering Education.

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CHEATING EXPOSED!

(ACP)—Should cheaters be exposed and expelled?

An education professor at North Texas State University, Denton, recently accused one of his students of cheating, reports the *Campus Chat*.

John M. Jones told a class he had evidence that one of them had cheated on a test. "I have had quite a bit of experience with this sort of thing and after several years have come to the conclusion that it is best for all concerned if the teacher exposes the cheater before his classmates," he said.

"It's a terrible thing to do," he continued, "but it makes the person involved think twice before doing such a thing again and should illustrate to the rest of the class the futility of trying to get away with cheating."

Looking directly at a coed in the front row, he accused her and asked, "Well, what do you have to say for yourself?"

"Mr. Jones . . . I didn't do it," the coed replied excitedly. "How can you accuse me of such a thing?"

The professor insisted that she leave the room, report to the registrar's office, and drop the course. He opened the door and said "good riddance" to her as she hurried out. Returning to the class, he asked

if he had done the wrong thing. Every hand was raised. Then he went out and brought the accused student in.

He told the students they had just witnessed an incident prepared to illustrate how a class can be made to feel shock, surprise, embarrassment, and astonishment.

The students were asked to write a paragraph on their reactions. In the paragraphs they wrote, most students said they felt the method was cruel and rude. They also agreed that open exposure would eliminate or reduce cheating.

A garage mechanic we know has been toying with the notion of installing a speed regulator on his teen-ager's car. Asked if he did not think his plan a little drastic, he replied, "Well, you know what they say—spoil the rod and spare the child."

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Valentine's Ball Set

"Everybody should get his ticket early and be prepared for a real, rocking evening," Valentine's Ball chairman Paul Barrett told the *Technician*.

Barrett termed last year's dance, featuring Hank Ballard and the Midnighters, a real success and said he hopes the upcoming dance will be even more successful.

This year's Valentine Dance and Ball will be held at Peachtree Gar-

den Club in Atlanta and will feature Rufus Thomas and the Hank Moore Band. Admission to the February 18 event will be \$4.00 per couple.

Highlighting the evening will be the selection of a new Miss STI. Last year's queen, Miss Sue Griffiths, will be on hand to crown the new beauty. Miss Griffiths, a student at DeKalb College, is also the current Miss DeKalb County.

Alpha Beta Sigma is sponsoring the Valentine's Ball.

Money Creates Problem Coins Fool Machines

It's been said in some quarters that machines are becoming smarter than men.

Maybe so, but in one recent instance a group of men combined their talents to fool twelve million machines. What's more, the machines still don't know they're being tricked.

The deceived devices are America's vending machines, pay phones, parking meters and other coin-operated instruments. According to a December Reader's Digest article, it's been quite a job to gull them into accepting those new dimes, quarters and half-dollars — the ones that contain less silver than heretofore.

The new coins were necessary because there just isn't enough silver to go around.

Other countries have already switched to silverless or reduced-silver coins. Our own stockpile of silver was declining at a rate that

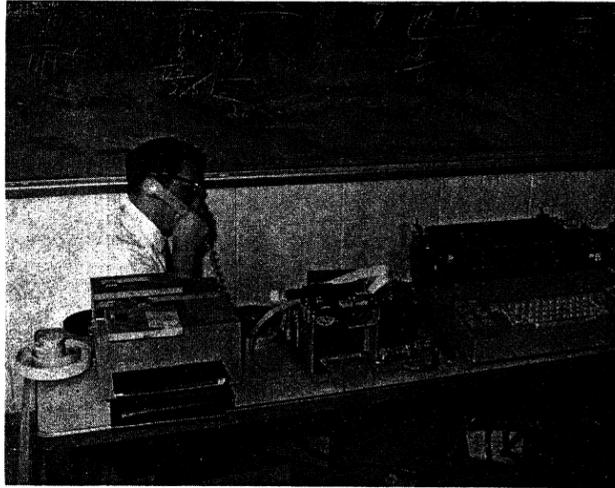
would have wiped it out in three years.

Having decided to produce coins that contain less silver, the U.S. Treasury faced the awesome problem of altering million of vending machines so they'd accept the new coins—a two-and-a-half-year job—or of trying to perfect a coin that the machines would accept as genuine.

The problem was turned over to the Battelle Memorial Institute, a nonprofit research group in Columbus, Ohio. Battelle experts considered other metals in place of silver but quickly rejected most of them. Aluminum, for example, was too light. Just think of trying to toss a lightweight aluminum coin into a toll-highway basket on a windy day! Pure nickel couldn't be used, since it has magnetic properties and U.S. coin machines won't take magnetic coins. Other metals were rejected for a variety of other reasons.

Finally the experts came up with the right answer: a combination of an alloy called cupronickel on the outside faces, with a pure-copper core between, the whole thing resembling a coin sandwich.

The new coins were tried out on vending machines and were found to work every time. The laminated cupronickel-copper makeup got by even the most rigorous of tests by which modern machines reject washers, play money, steel discs, counterfeit coins and other fakes. The new coins will cut out use of silver for coinage by ninety per cent. And we didn't have to alter a single coin machine to do it. Now who's smarter?



Computer System "In" Trip to Tech "Out"

Prof. Harry V. Smith has announced that STI will soon have the services of Georgia Tech's large computer facilities — without anyone leaving the STI campus.

An IBM model 1050 sending and receiving station is presently being installed in room 273 of the classroom building, used as a student lounge until this quarter. The new IBM station is connected to a similar station on the Georgia Tech campus by standard telephone lines. It consists of a printer, a card reader, a tape reader, a tape punch, and a teletype console. A program to be programmed on the Georgia Tech computer is sent by regular telephone lines through a data-phone. At the Georgia Tech station the information is automatically punched and fed into the computer, and the answer is returned to the STI campus in the same manner as the original was sent. When received, the information can be printed for immediate use or taped for later use.

Mr. Smith said the new system began operation last week. He added that when the new system is complete it will be put on display for

one or two weeks so that anyone who is interested can see it in operation. During this display period any student of Math 115 or any subject dealing with computers can have a problem sent through the system. Those interested in this should contact Mr. Smith or Mr. Armstrong for further details.

According to Mr. Smith, the outlook for success of the new system is excellent, and it may become an integral part of the equipment used here on the Southern Tech campus.

Coffee drinkers in the United States consume 160 BILLION cups of the beverage yearly—as much as the rest of the world combined.

STI Profs Prove Versatility Write Books

It is apparent to many students that STI is blessed with some very gifted instructors. Three STI instructors, Prof. R. C. Carter, Prof. R. W. Hays, and Prof. E. J. Muller are now going through the tedious process of having a book published.

Prof. Hays' book, *Principles of Technical Writing*, was used for the first time last quarter as text for English 231. The book, containing the concepts and fundamentals of technical writing, was published by Addison - Wesley Publishing Co., Inc.

The Drawing Department's Prof. Muller is putting the finishing touches on his new book, probably to be titled *Architectural Drawing*. According to Muller, this is a very comprehensive book and contains subject matter on renderings, perspectives and architectural techniques. Muller's book, the new Arch., 222 text, is being published by Prentice-Hall and should be released within a year.

Prof. Carter, an instructor in the Electrical Department, is on the verge of completing his book, *Introduction to Electrical Circuit Analysis*. Carter, an STI instructor for 14 years, has spent two years in preparation and research for this project. The book consists of basic laws and fundamentals of circuit theory, and was written with the student in mind. According to Carter, the book should fill the gap between over - simplified elementary materials and the difficult 4 year college text. The publishers, Holt - Rhinehart - Winston of New York, hope to have the text ready for release sometime between February and March.

All three books will be nationally distributed.

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**Cowden
On
Sports**

A very strong Armstrong basketball team came to STI with very high spirits about making the Hornets their sixth straight victim. STI had different plans though and knocked the Geechees from their very high pedestal. It's a shame that more STI students didn't show up for the game which was fought so hard. You all missed the startled expressions of the Geechees when they saw about half of the STI squad dunk the ball as if they were dunking doughnuts in a Goodyear warehouse. When the warm-ups were completed the two teams met in what was to be a very thrilling game.

STI took the jump and Dick Waters sank a 20 footer like threading a two-foot wide needle with two inch wide thread. This put STI in the lead, but not for long because Armstrong was in no mood for toying around with us (a mistake they will never forget). They jumped on our backs and matched our score with a spectacular lay-up. STI took the lead back right away and kept it for the rest of the game. The first half must have taken the starch out of the Geechees' pants, for they didn't play as good a game in the second as they did in the first. The first half ended with the score set at 39-31—STI. Steve Hudson, the fantabulous Kentucky Kid led the scoring in the first half with 15, with Waters right behind at 12.

The second half was much different from the first for the jolly green giants hit on everything they looked at; there was no stopping them. They pushed their lead until the final moments of the game. The final tally showed another victory for the Hornets—100-90. The scoring in the second went as follows: Waters 22, Hudson 15, Anderson 15, McLarty 7, and Harpe 2.

WE'RE NUMBER ONE!

STI has accumulated more wins than any other team in the conference and is now the number one team. The first place position was awarded to STI on the 14 of January 1966, against ABAC with a score of 104 to 83. It seems that STI has improved with every game they play. So it seemed to North Georgia Tech, who met STI Tuesday night here in the brand new gym at Daniels JHS, NGVTS had beaten STI on two previous occasions and were looking for their third straight, . . . they are still looking.

STI took the jump, Waters sank one of his 40 footers, and away we went. NGVTS kept the pace the first half thinking that they were the kings of the court, but were changed from that thought in the second. Hudson ran the NGVT's offense crazy with his fantastic ball handling and undefendable shooting (30 and 40 footers). The big man was big under the boards at both ends of the court, bringing down more rebounds than any one else on both teams. Harpe was not only rebounding but putting that ole ball in the basket, 11 pts. worth, not to say anything about all the shots he set up. One must not forget Waters who bombed in 29 pts. and Hudson who put in 31 for the high score of the game. The game ended with STI out front 95 to 83 and NGVTS with their thumbs up their elbows. It was a great game that will not be forgotten for many days to come.

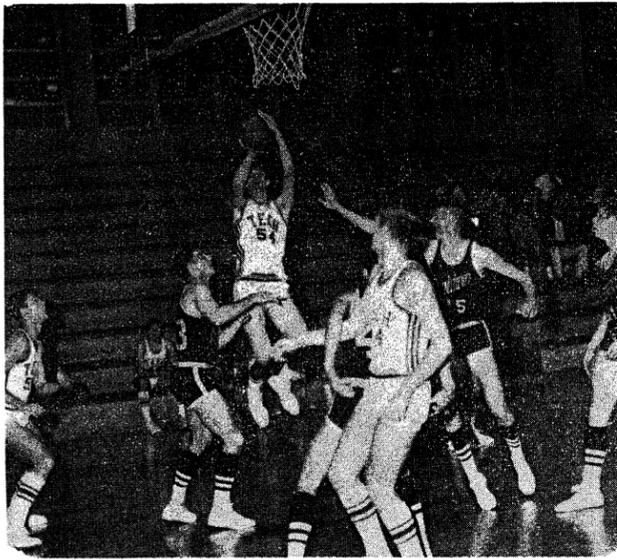
The next opponent to enter the deadly "Valley of the Jolly Green Giants" will be South Georgia on February 4.

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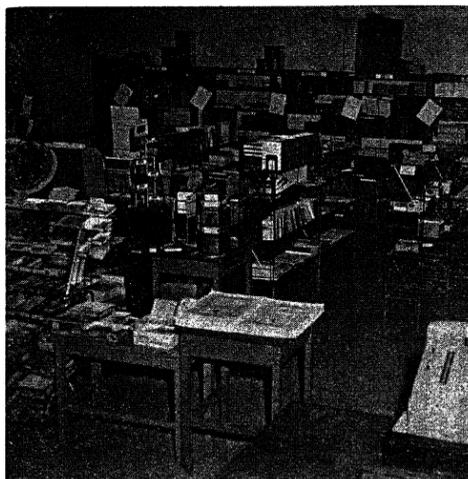
Technician Timetable

February 2-3	Last chance to get pictures taken for Log
February 4	South Georgia at STI
February 11	Norman College at STI
February 14	Deadline February Technician
February 17	Young Harris at STI
February 18	Valentine's Ball, 8:00 p.m., Peachtree Gardens

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