

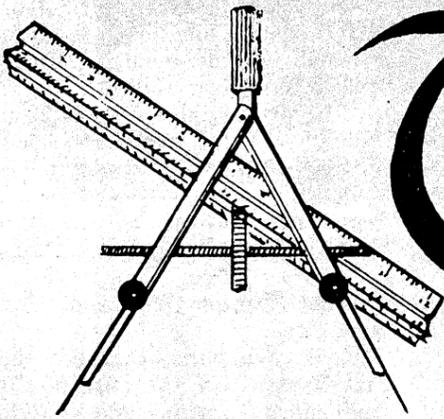
WHAT'S INSIDE

Registration Amendment Will Be Enforced p. 2

How To Pay For College p. 3

Southern Technical Institute

Marietta, Georgia



The Sting

A Bi-Monthly Student Publication

August 25, 1983

4 Pages

Southern Tech's Parking Fee Rebate Is A Reality



The dramatic increase in parking fees (from \$6.00 for all four quarters to \$30.00) at Southern Tech has been the subject of many, many hours of confused discussion.

President Cheshier explained to concerned students in July of last year when the increase was first announced, that the money gained through the fee increase would be used for 24 hour protection from the campus police department including someone in the police station 24 hours. A lot of the money he said, would be used to level out and repave the old drive-in parking lot, and to build two more bridges going into the drive-in lot from the dorms.

Willing to take circumstances as they were, student leaders supported what was at that time the "parking decal bargain". Fellow students were encouraged to purchase \$30.00 decals which were supposedly good for all four quarters rather than purchasing a new decal each quarter at a cost of \$10.00 per quarter. It was felt that an immediate increase in revenue would help defray the costs of paving the 19 acre lot and paying personnel to man the police department a lot sooner.

However, students having taken advantage of the \$10.00 savings by purchasing the \$30.00 decal for all

four quarters were sadly surprised at the beginning of Summer quarter 1983. An additional \$10.00 parking decal had to be purchased in order to park legally on Southern Tech campus.

Many were outraged! The Student Government Association took action.

As of Thursday, July 21, 1983 after meetings of student leaders and related Southern Tech administration, all students who purchased a \$30.00 parking decal in the Fall of '82 plus an additional \$10.00 Summer '83 decal will be mailed a \$10.00 refund. The check will be mailed to the address listed on the vehicle registration card for Summer quarter of '83 as filed with Campus Safety.

For more information, please contact the Student Government Association, Campus Safety, of the Business Office.



EDITOR'S CORNER

Is STI Too Expensive?

by Aaron Tatum

I'm a senior here at Southern Tech, so I've been here quite a while—longer than I care to admit. Through the years that I have been here, I've seen a lot of changes. There is one change that is especially noticeable to me as a student—the changing cost of an STI education. As you probably know, it is getting more expensive. Parking, tuition, and books have all increased in cost. Now we even have to pay for our post office boxes and some laboratory supplies. I wonder what will be next.

When I first came to school here, parking was much more affordable than it is now. Back in "the good ole days**" we, the students, could park all year long for \$7. That was a good deal. The good deals are gone now. Parking, as you know, is \$10 a quarter, or \$40 a year if you go to school all year. \$40 is a lot of money for us starving students to have to pay for parking.

Tuition isn't getting any cheaper either. Back in "the good ole days" tuition was under \$200. I could almost afford that price. But this quarter, it is much more expensive. This summer, tuition increased to \$293—that is a lot of money for us students. What made matters worse is the fact that students who preregistered had to pay their fees in advance of the beginning of the quarter. It makes us feel like the administration does not trust us.

Books are definitely more expensive than they were when I first came to school here. The cost of books has practically doubled in the last four years. It is not at all unusual to spend 60 or 70 dollars per quarter on text books. Even the student catalog is more expensive. When I first came here the catalog cost 50 cents; now it costs \$2.

Until recently the cost of laboratory materials were included in the tuition. That's not true anymore. Now some laboratory classes require the students to supply their own materials for the course. For example, in welding, the students have to supply their own electrodes. In machine shop, the students are required to buy their own metal.

I guess we could say that Southern Tech is becoming an expensive college. Parking is \$40 a year. Tuition is \$293 a quarter. Books are very expensive. Laboratory materials are not cheap. And now we have to pay for our post office box. What else can they charge us for?

The 4-D-W Survey

by G. E. Gayles

The 4-D-W is something most all of the STing readers are familiar with. Since it's use here at STI this summer, the system has been regarded by most students as a grand experiment which worked.

Actually, the 4-D-W is a fairly common practice of businesses and institutions. The objective is to economize by saving time and energy. The 4-D-W means that there is one less day per week that our air conditioners, lights and computers are not working.

Some Fortune 500 companies have used the 4-D-W to roll back production and/or slacken the payroll during the recession. In Georgia alone there are approximately four state schools in addition to STI which are on the 4-D-W system. Emory University, a private school, has been happily on the 4-D-W system for many years. They have always had Wednesday off.

Typically Friday is the off day for two main reasons:

1. It is the end of the business week, which has one long break until Monday, when the business week resumes. This has a lot to do with commerce and banking schedules. That matter is far too much involved to be worth the explanation.
2. Industrial shut down is effective only when machinery is stopped as seldom as possible. To power up and power down equipment requires time, energy and consequently; money. Therefore, shut down twice a week is less efficient than shut down once a week.

Financial Aid Applicants

All Male Applicants are required by the Federal Government to submit a copy of their Selective Service Acknowledgement Letter or Card to the Financial Aid Office prior to the disbursement of any financial aid funds. Please note that any aid that may have been already been offered to you will **not** be disbursed until we have this required documentation.

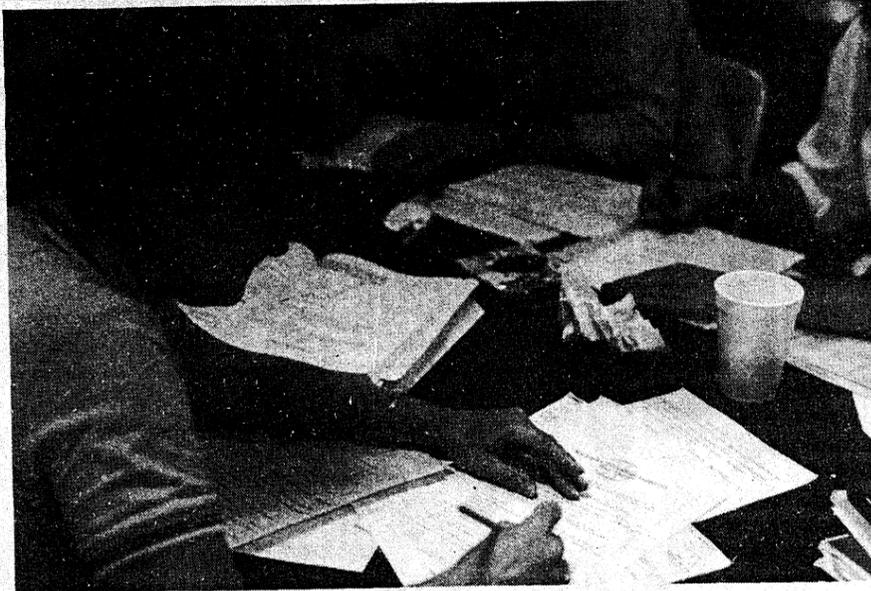
Should you have any questions or comments relative to this matter, please contact the financial aid office.

U.S. Sen. Mack Mattingly

Registration Amendment Now Will Be Enforced

Last year, I sponsored an amendment with then-Senator S. I. Hayakawa that required male college students applying for federal financial assistance to sign a statement saying they had complied with the law requiring registration for the draft.

It is asking very little of a person



The system was put into affect this summer for the first time by Dr. Cheshier after the idea was introduced by Dr. Travis. According to Mr. Baker, it was received quite well by the other deans as well as a majority of the staff.

When asked whether or not the 4-D-W may be used again in the future, Mr. Baker said the chances are favorable for that happening. When asked if it would be employed during the regular academic year, he said that that was not likely until there had been some evaluation of this summer's system. Reason being; the work load is much greater at those times due to the increased enrollment and a full schedule of classes.

As usual, we here at the STing are dedicated to the interests of our readers. Therefore, the 4-D-W Survey was created. The last time the STing went to press, the survey was under way. Now, a small sample of the student body has been compiled. Some of the results are printed here with comments for the reader to reflect on.

Student opinion of the 4-D-W was judged to be from favorable to indifferent, although there were some individuals with radical arguments against the system.

Most all of those questioned worked between 12 and 55 hours per week. Average number of hrs/wk worked was 28.4.

More than 90% of the sample approved of the 4-D-w.

About half of the sample indicated that they missed some of the facilities on Fridays. The top four facilities were: 1) Library

Weekend Hours; 2) Academic Faculty & Staff; 3) Post Office; 4) Cashier's Office. Bookstore and Student Center Weekend Hours were close.

Most everyone treated their Free-Friday like the rest of their weekend by working and studying. A majority caught up on sleep and leisure time as well. A corresponding number preferred Friday as their extra day off.

Here are some of the comments offered by the respondents:

Not living on campus, I enjoy only having to commute four days a week.

Brian Balmes

Only in the summer...maybe one week out of the month during regular school year.

Sharon Knight

The 4-day week is definitely a good idea for the summer. But during the Fall, Winter and Spring, the 5-day week should be used.

Henry McBrayer

The week goes faster and my attitude is better on Mondays.

Karren Tibbitts

This is a great set up for summer if you are taking a moderate load, but taking a heavy schedule (like 20 hours) just doesn't hang!

Kathy Dixon

I'm glad that I'm about to graduate soon so when the Board of Regents makes the school go to 4-D-W all the time I will not have to live with it.

Neal Butler

The Sting Staff

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THE NEWS

Dates For Fall Bathtub Race Are Set

The dates for the Fall Bathtub Race have been set for October 8 and 9, 1983. The decision about this early date was controlled, in large measure, by the availability of the SCAA turncrew personnel who annually volunteer their time in support of the Bathtub Race. This early date will create some difficulties because of the short time allowed to prepare for the race at the beginning of the Fall Quarter. Other adjustments may also have to be made such as scheduling a fall social weekend later in October rather than on the second weekend of the new quarter. Planning and preparation time after the students return for the Fall Quarter will not be sufficient to organize a successful social weekend.

The Bathtub Race will go on, however, the second weekend in October.

Charles E. Smith
Dean of Student Affairs

4 Day Week Ends

The college will return to a five-day work week one week earlier than originally planned.

With fall quarter starting Monday, September 26, it seems advisable that the campus resume a regular schedule one week before that date in order to take care of last minute problems.

The week of September 12-15 will therefore be the last four-day work week for the summer.

Sam J. Baker
Assistant to the President

Mary Phillips is New Executive

The new Executive Secretary to the President is Mary Phillips, a graduate of Samford University in Birmingham, Alabama. In her new position since July, Mrs. Phillips indicated, "I am already very favorably impressed with the faculty, staff and students at Southern Tech and I look forward to being a part of the exciting future which I am confident lies ahead for the college." Although she is new on the Southern Tech staff, she is not new to the Southern Tech family. Her husband, Ben Phillips, is a graduate of Southern Tech's Electrical

Engineering Technology Department.

Mrs. Phillips is from Alabama, having served as Secretary to the President of Samford University in Birmingham for 18 years. She was also a part-time instructor in the School of Business at Stamford. She holds M.B.A. and B.A. Degrees from Samford and is certified by the Massey-Draughon Business College in Montgomery. Mrs. Phillips has been listed in "Outstanding Young Women of America" and was nominated for the John H. Buchanan Award for Excellence in Classroom Teaching while at Samford University.



A resident of Marietta, Mrs. Phillips is a member of Roswell Street Baptist Church, Order of Eastern Star, Beta Sigma Phi, the Alabama Writers' Conclave, and the Welcome Wagon of Cobb County.

Registration Amendment continued

Registration was reenacted back during the Carter administration. If we ever do need to reinstitute the draft, having registration already in place could save us months in startup time. I certainly pray this would never be necessary. Under current circumstances, I oppose reviving the draft. Our volunteer military is working. As long as that is the case and there is no national emergency, there is no need to draft young men into the military.

Regardless of the arguments over the draft and registration, it is registration that is now the law of the land. We all have duties and responsibilities as citizens. The most basic duty is to obey the laws of this country. We cannot afford to have an elite who feel they are above the law.

Over ten million young men have registered, giving us 98.5 percent compliance. These young men should be commended. As for those with a serious religious conviction

against military service, if and when a draft is instituted, they could file for conscientious objector status.

A person has either registered or he has not registered. There is no gray area to this law. If a student applying for aid somehow overlooked the law, the certification on the form would alert him. He could then register with selective service and immediately clear up this obstacle to receiving education assistance. It is only those who knowingly and willfully persist in violating the law who would lose under my amendment.

Of the roughly 800,000 young men who will begin college this year, about 400,000 will apply for federal student aid. Of those 400,000 students, 394,000 will have complied with the draft registration law. So we are talking about 6,000 people who have the incredible nerve to ask this country for public

aid while refusing to fulfill the most minimal duties of citizenship.

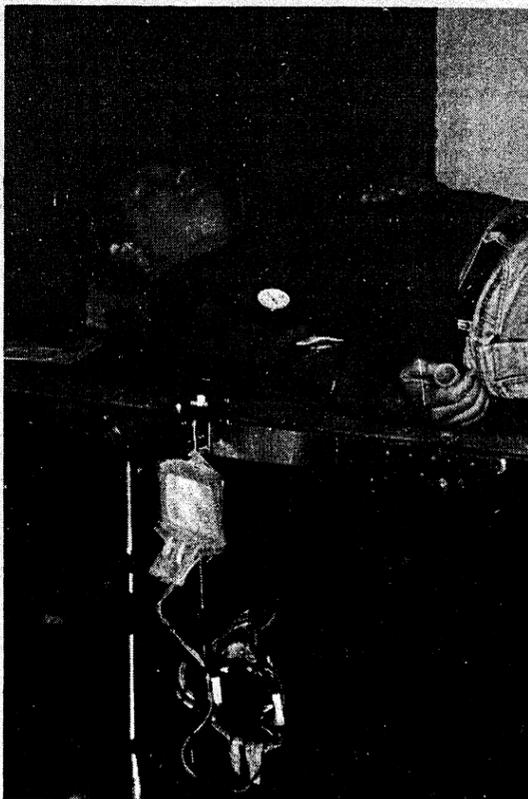
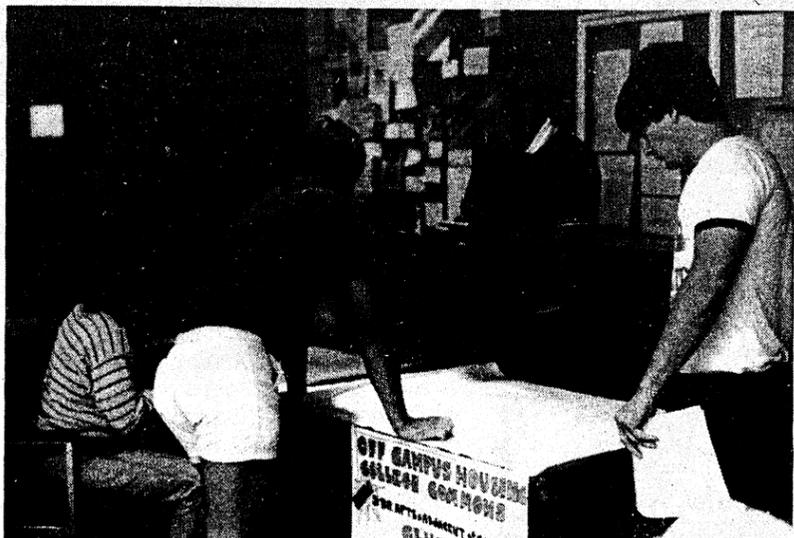
It was not unexpected that opponents of my legislation would surface and file suit in federal court challenging its constitutionality. One of their arguments was that asking a student whether he had complied with the draft registration law would be self-incrimination for those who had failed to register. Using that sort of fuzzy-headed logic, you could never ask a person's citizenship for fear that it would cause an illegal alien to incriminate himself.

Fortunately, the U.S. Supreme Court has intervened and will allow the government to begin enforcing the law this year. Later the court will review the entire issue. I am confident the court will permanently uphold the constitutionality of the law.

I am proud of the 98.5 percent of our young men who have registered for the draft, who have complied with the law. I have little sympathy or understanding for the 1.5 percent who have not.

The Old and The New College Commons

....A Housing Alternative?
More Next Issue



Southern Tech students eagerly volunteer for the Red Cross Blood Drive.

How To Pay For College

For most families, the cost of sending offspring to college increases faster than their ability to accumulate the money to pay for the education. Average costs at private colleges have already climbed past \$8,000 a year, and past \$4,000 at state colleges. Experts expect a ten percent increase next year.

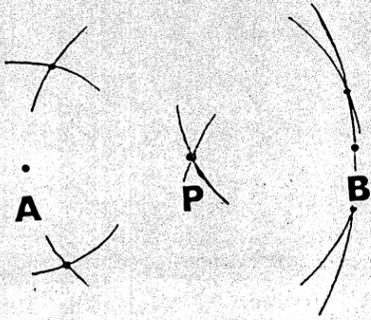
You may be able to cover the cost of college in a combination of ways, without drastic measures like selling your house. The Georgia Society of CPAs suggests you consider the following in your financial planning:

- low-interest deferred-payment loans
- work/study programs
- installment tuition plans
- reduced interest pay-as-you go loans
- aid from local governments, private and professional organizations
- tax benefits

STUDENT LIFE

STINGERS

FROM DE CAUX



The following problem was posed by Mohsen Eshaghi's uncle many years ago. Mohsen passed it on to me as a STINGER. I found it quite hard, but it can be done in fewer than ten moves.

Points A and B are given. Using compasses only find the point P which lies on the straight line through A and B and which is the same distance from A as it is from B. Good luck! Remember, no ruler may be used an of course trial and error is not allowed!

Despite tighter restrictions on the Guaranteed Student Loan Program (GSLP), still the largest source of federal aid to college students, loans are available to those who can demonstrate their need for government aid. Last year \$6.2 billion in low-interest loans was granted to 2.75 million students.

You might qualify even if your family income is over \$30,000 if, for instance, you have more than one student in college, have few material assets, or incur unusual expenses such as support of a sick or elderly relative.

If your income is slightly above the \$30,000 limit, you might think about investing in an Individual Retirement Account. That would drop your adjusted gross income, offer you a tax break, and at the same time qualify you for financial aid, CPAs say.

Besides the "needs test" required for guaranteed loans, you must pay and "origination fee". That means \$125 up front on the maximum yearly loan of \$2500. Loan repayment does not begin until six months after leaving college, with up to ten years to repay. Interest rates vary, but usually lag a few points beneath the 91-day Treasury-bill rate. Through September, at least, the GSLP interest rate is nine percent.

An even cheaper loan, at five percent interest, is the National Direct Student Loan (NDSL). Here, however, less can be borrowed and the loans are restricted to low-income families.

If you should qualify for both these loan programs and you borrow \$1,500 and \$2,500, you could, theoretically, put off paying

half of that \$8,000 school bill. When you do repay it, you will be using cheaper dollars, so this is a wise use of money, CPAs say. For up-to-date information on loan aid programs, call the federal government's Student Information Center at 800-638-6700.

A talk with the college financial aid officer could pinpoint other sources of aid. For instance, the work/study program, subsidized by the federal government, might provide a part-time job for the student, and cover another part of the costs. Apply early, however, because jobs go fast.

Some colleges allow families to pay tuition in installments during the year with a one quarter to one third down payment, often with little or no interest.

Your state may offer low cost loans, scholarships, or tax benefits. For instance, New Yorkers with sons or daughters in state colleges may deduct a percentage of tuition before calculating their state income tax.

Another federal program, PLUS loans, is available to parents of undergraduate students, regardless

of income. Parents may borrow up to \$3,000 a year from local banks, credit unions or savings and loan associations. Although repayment must start 60 days after receiving the loan, you can budget for part of the college cost this way. For instance, if you borrow \$2,000 at 12 percent through the PLUS program, 12 monthly payments would be about \$187. The \$240 interest is tax-deductible, so calculate the true interest rate according to your tax bracket. If you're in the 50 percent tax bracket, your real rate of interest is more like six percent. The PLUS interest rate is the same as the 91-day Treasury-bill rate, and is subject to change. Graduate students may qualify for their own PLUS loans under a deferred repayment plan, paying only interest costs while in school.

Community groups, churches, and professional organizations sometimes offer financial aid to students in particular subjects such as music or science. Many state CPA societies, for instance, provide accounting scholarships or loans.

Roommate Wanted

3 Bedrooms, 1 1/2 baths, house within 2 miles of school, large yard. \$135.00/month plus 1/3 utilities.

M/F over 20, mature minded student. NO drugs, NO wild parties. Two serious students need a third person to grow and share with us. 425-0478 Geno or Guy

POSITIONS AVAILABLE

The 1983-84 newspaper staff has the following positions available beginning Fall Quarter:

Asst. Editor
Sports Editor
Writers/Reporters
Graphic Artists
Typist

Persons interested in serving in these positions should contact the acting Editor between 9:10-10:20, Mon.-Thurs. in the Student Publication Office.

NANTAHALA RIVER TRIP NORTH CAROLINA

Camping & Rafting
Friday & Saturday, Aug. 26 & 27

Departure Time:
Friday, 11:00 a.m.
Meet at the Student Center

Camping Food:
3 meals - Friday Supper
Saturday breakfast & lunch

Camping Gear:
Bring your tent, sleeping bag
and cooking gear

Clothes: Bring dry clothes for you to change in at the end of the trip.

Meeting: Meet in Nantahala at the Fast River Raft Outfitter

ALL QUESTIONS SHOULD BE ADDRESSED TO: Ron Wofford, Trip Coordinator
424-7349 or 424-7374

Transportation by Car Pool!

Rafting Only
Saturday, August 27

Saturday, 9:00 a.m.
Meet at the Student Center

Fee:
\$11.00 for all rafting equipment
\$3.00 - insurance
Per Raft

Rafting Food:
Saturday lunch
sandwiches and etc. in zip-lock
bags

Can You Spot The Engineer?

by Aaron Tatum

An engineer is usually not difficult to spot if you know what to look for. He's not difficult to recognize his many outstanding features such as his apparel, his plastic pocket pouch, his brown bag lunch, his warped eye glasses, his unique personality, and his old repaired car.

As traditions go, an engineer clothes himself in a most unusual manner. He usually wears scuffed wing tips with white tube socks. You can see two or three inches of his socks because his green or purple pinstripe polyester pants are pulled up to his armpits. His belt is usually about three sizes too large and is folded back through the belt loops. His shirt is white or a bright color and is never ironed. His tie is about three or four inches wide and is always a bright color with a loud design that does not match his suit.

One of the most common and most outstanding characteristics of an engineer is his plastic shirt pocket pouch. Almost every engineer has one. He has at least two screwdrivers, three or four ink pens, a few pencils, a calculator, and about half a pound of old worn out business cards and phone numbers crammed into the pouch. Almost all of his shirts have ink stains on the pouch pocket.

It's not difficult to recognize the engineer at lunch time. He is the one who saves his lunch bag—the big Kroger lunch bag with all the Tupperware in it. His lunch consists of leftovers, potato chips, three peanut butter sandwiches on white bread, and a dessert. He drinks coffee out of an old beat-up thermos with a pint cup.

Another characteristic of the engineer is his glasses. They are usually horn rim glasses that have been bent so many times that they are permanently warped. They are usually smudged from not being cleaned more than once a month.

The traditional engineer has a personality that is as unique as his apparel. He is a perfectionist or a slob. He is prepared for everything. If he is an electrical engineer, he thinks he is an expert in mechanical engineering. If he is a mechanical engineer, he is an expert in electrical engineering. Engineers are generally introverted and live in a world of their own. They are almost always married and have a house full of kids. Engineers know only two places to shop—K-Mart and Sears.

You can spot an engineer's car a mile away. His car is usually an old American tank that is rusted out, bent-up all over, half painted, and seldom washed. Most of them have at least a roll of duct tape and a roll of safety wire holding them together. The dash and back seat look like a depository for a successful paper collection drive.

Now, do you think you can spot an engineer? Are you an engineer?