

# THE Technician



A Unit of Georgia Tech

Vol. XI



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No. 5

## Model Homes Designed And Displayed By B-C Students

The Building Construction Department is one of the most colorful departments of Southern Technical Institute. At the beginning of Southern Tech the Building Construction Department was among the largest and Mr. Chester R. Orvold was then and is now the course advisor and head of the department. A year later Mr. Wilton W. Vaughn, who is a licensed structural engineer, joined the staff and has remained at Southern Tech teaching the major courses in structural design and theory. Mr. Harold R. Nurse has been with the department for the last two years and is a man with thirty years of experience in Building and Construction. Mr. Ordway, a licensed architect and a new instructor at Southern Tech, is expected to join the staff of the Building Construction Department.

The subjects and material taught in this department are very important ones indeed. The Architectural Design and Drawing courses head the curriculum and are studied extensively along with other necessary subjects such as math, English and physics.

The creative features of BC department is the presentation, working, drawing, and the building of a scale model.

The Alpha Beta Society is the departmental club and has been increasing its membership rapidly during the last few quarters, with a total of over forty members at the present. Plans for the club this quarter include the selection of a bowling team and basketball team, more coordination of club officers and committees with the intention of adopting new projects, and as usual the quarterly club party. This club is not a mandatory part of the curriculum but could be called a necessary and surely an advantageous part of the department. The activities of the club all go toward helping the

men to get along better, work and play together and to produce harmony and understanding throughout the department.

Students having completed the Building Construction course are offered various types of jobs and opportunities in architectural and engineering offices, with building contractors and with manufacturers of building materials. Graduates from the department are now holding such positions as appraiser and estimator, building inspector, architect, junior engineer and general contractor, only to name a few.

Present students are setting their goals high and are given the incentive to obtain these goals by seeing what accomplishments Building Construction graduates have made.

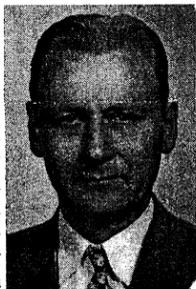
## STI's Technical Drawing Is Basic

One of the basic requirements of a technical education is the ability to draw. Just like the ability to read, write, and talk properly, the faculty of expressing ideas graphically on paper will always be required of technical people. Intricate and complex ideas cannot be expressed or conveyed to other people without putting them down on paper in a consistent and readable manner. Students must learn to draw well, not only to be able to express their ideas, but to be able to read and understand other technicians' ideas as well.

Many Southern Tech graduates receive good-paying jobs that require the ability to draw. Probably more jobs that call for drafting come to the placement office than jobs that require ability in any other single line, and we are pleased with the successful use these many graduates have made of their drawing courses.

Our courses here cover nearly all the major aspects of drawing. However, because of the limited

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C. R. ORVOLD, Head of Building Construction Department



E. J. MULLER, Head of Drawing Dept.



Left to right are: Marvin Griffin, former Governor of Georgia; Dr. Edwin D. Harrison, President of Georgia Tech; L. V. Johnson, Director of Southern Tech; H. C. McCollum, Cobb County Commissioner.

## Officials Break Ground For New STI At Marietta On December 17

The first big step for the construction of Southern Tech's new campus was taken with the ground breaking exercise, December 17, on the future campus grounds in Marietta, Georgia. The formal program began with several musical selections by the Campbell High School band from Smyrna.

After the musical prelude, Cobb County Commissioner H. C. McCollum welcomed everyone to the exercise. He also stressed the cooperation that was necessary to have Southern Tech's new campus in Cobb County and in Marietta. Commissioner McCollum introduced Cobb County and Marietta dignitaries. Commissioner McCollum welcomed and introduced the past governor of Georgia, Governor Griffin.

Ex-governor Griffin spoke on the great significance the ground breaking exercise played in the educational growth of Georgia. He stated that "such ceremonies signify definite construction progress and a healthy economic growth of

the state and various communities involved . . . they represent an accelerating pace in the growth and development of the state's total economy." Mr. Griffin said that Southern Tech "means a rising standard of living for all Georgians." Mr. Griffin further stated that the ground breaking ceremony is a big move to give more students the adequate working tools that will enable them to obtain a position of leadership in the activities of the communities, their state, and their nation, and certainly in the continued progress of this age.

Mr. Griffin finished his speech by stating that the beginning of a new campus is a "major step in Georgia's industrial and educational development." He then presented the deed for the campus property to Dr. Harrison, president of Georgia Tech.

Dr. Harrison expressed his gratitude on behalf of Georgia Tech and Southern Tech for the deed to the property on which Southern Tech will be built. Dr. Harrison gave a brief recapitulation of Southern Tech's history; and how Southern Tech's gradu-

ates are performing their important parts to fulfill industry's great need for well trained technologists. After his speech, Dr. Harrison presented the deed to Director L. V. Johnson.

At the beginning of his address, Director Johnson called for recognition of four Southern Tech faculty members. He cited the work done by Deans G. L. Carroll, G. L. Crawford, and C. V. Maddox, and Registrar L. Y. Bryant. All four have been with Southern Tech since its establishment in 1948.

Director Johnson gave a compelling speech on the part technicians play in America's modern industries. The engineer is producing something new. The engineering technician is usually concerned with the production and operational aspects of engineering and industry. The technician builds, operates, tests, sells, inspects, supervises, and manages. Director Johnson explained that a technician is the performer of "middle management, production control, labor relations, time standards, etc."

Besides giving the role that a technician plays in industry, Director Johnson

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## Textile's Growth Cited By Alford

Professor John I. Alford, head of Textile Technology Department, reports that Southern Tech's newest course, Textile Technology, has grown considerably during its first one and one-half years of existence. At present, there are ten seniors and six freshmen; five freshmen, who are on the co-op program, are expected to return to Southern Tech's campus next quarter.

During the past quarter, the Textile Technology Department was presented a Draper, Model E Cam Loom by the Draper Corporation, Hopedale, Mass. This model is used in mills to weave standard print cloths. A greater yardage of this type is woven than any other type. This printed cloth is used to make ladies' dresses, sport shirts, pajamas, children's clothing, and light sheeting and foot cloth. The loom will be used for demonstrational purposes only. It is in the A. French Textile School, Georgia Tech, where operation of the Draper Loom is used to train future textile technologists of Southern Tech.

## The ASTE Highlights Year With A Panel Discussion

The ASTE met January 13, and the members and visitors present enjoyed a special program—one of the ASTE highlights of the year. The program was presented in the form of a panel discussion illustrating some of the problems encountered by Lockheed designers and engineers.

The panel members, introduced by Mr. Jim Cracy, project coordinator, were: W. H. Hutchinson, production liaison group engineer; H. E. Bryan, aircraft design engineer senior; H. H. Cherry, production design engineer senior; W. R. Dawkins, manufacturing planner; Charlie Laway, project tool engineer; Jim Esley, tool engineer senior.

Each of these men spoke on the principles involved in designing aircraft parts and the special tools used in production. They spoke on subjects such as precision of dimensioning, workpiece warpage,

and determining the location of datum planes.

The panel discussion was followed by a question and answer period, at which time coffee and cookies were served.

The American Society of Tool Engineers has set aside \$11,000 to be given away in scholarships. Any Southern Tech student who is in his first year is eligible to apply for any one of ten \$400.00 awards. Why don't you?

If you would like to join the Southern Tech chapter of the American Society of Tool Engineers, and you can, see Mr. Cuba in his office, or come to one of the coming meetings.

Membership fees amount to \$3.00, \$2.00 for the Tool Engineer and \$1.00 to be returned to our chapter.

Meetings will be announced—watch for posters and notices. Visitors are always welcome.

## The Log Is Using Campus Snapshots Made By Smith

With the supervision of W. S. Mitchell, Log Editor, The Log is being prepared for publication as fast as the various sections can be completed. The Senior Class section has been completed, and is being printed. The Freshmen Class section is almost completed and will be sent to the publisher next week. The Log is scheduled for delivery by the middle of May.

The following is the Editorial Staff for The Log:

William S. Mitchell, Editor  
Charles G. Jacobs, Associate Editor

Sam M. McKoy, Class Editor  
Teddy R. Jones, Sports Editor  
Sid Manning, Art Editor  
Robert W. Strickland, Business Manager

Besides these editors, The Log has many editorial assistants.

Outstanding photography work by Mr. Harry V. Smith, Mathematics department, has contributed greatly to the success of the progress made. The Log Staff certainly appreciates this able assistance as his photography contributions will add greatly to the success of The Log.

# INVENTORY TIME

By G. L. ERVIN

The first of each new year signifies many American customs. Some of these customs are of a business nature; others are of a personal nature. New Year bares the custom of New Year's resolutions, which are usually broken. To the business world, the beginning of a new year means inventory.

What significance does inventory have to any business organization? First, the businessman knows the amount of stock he has on hand; second, if proper records are kept, a comparison of the New Year's inventory and previous records give an indication of the year's progress; last, by a thorough examination of stock records at inventory time, businessmen can predict certain acclaims for their product.

As stock-keepers for our personal lives, it is inventory time to see how much profit has been gained during the past year.

First, how much of last year's stock is left? Are there any good traits you failed to personify? Are there any traits you resolved to ban? Are there times when your tempers, once promised to be curtailed, have gained control; then, character standing and public opinion hit an all time low in the "personal business world." Failure to control temper is but one "last year's stock" which should have been moved from the stock shelf. Other "old stock" which should be

moved from a personal stock pile are: impatience, use of non-acceptable language, unwillingness to cooperate in school activities, and desire to perform detrimental acts.

Next, after careful comparison of this year's inventory and the previous year's records, how do you stand? Have your last year's resolutions been kept? To measure profit, sales must exceed overhead. Overhead of bad traits often outweigh traits which should be magnified. Certainly, if personal traits are to gain a profit, stock records of bad traits are to be kept. This record should be kept only to prevent their recurrence. By knowing what has been put out of stock, new and better character traits are desirous to take the position of stale and un-used stock.

To insure future profits from good personal traits take a thorough inventory of your traits. See which traits should receive more of your attention. Sell your good traits. While taking inventory, see which traits should be taken from your character stock shelf.

Taking inventory could be distasteful! But, if this is an inventory for self improvement, there will be no need for distastefulness. Take your inventory! Here's hoping you had a big profit for 1958. If you did not, now is a good time to begin an "all-out campaign" for a profit—a big profit for your character.

## Professor Should Do More Than Teach; Obligation Extends To Personal Interest

(Editor's note: The following was taken from the Georgia State Signal.)

It seems the growing tendency in the past few years has been to criticize the youth of America for not conforming to the principles of conduct which the adult population consider proper.

This is a general statement, obviously true, which can be proved by looking on the front page of practically any newspaper. Stories of young people who have committed breaches of ethics fill the front pages. Now let's shrink this statement down to a particular group or segment of the American youth; the college student.

In many colleges, student behavior and attitudes have not been exemplary of the mature type of person that the college student ideally should be. Where does the fault lie?

Many people would say the fault lies in the character of the student. These same persons are quick to point out the shortcomings of the college student and to elaborate upon his mischievous actions.

The Signal feels, however, that at least a part of the reason for the failure of some college students to act as mature individuals lies with the instructor. The instructor or professor should pause for a moment each day to remind himself of the responsibility of his position. You, the professor, are responsible for providing that final polish in the educational process of the student.

Before coming to college, most students have attended at least 12 years of grade school. The college

student then is the cream of American youth. Since those college students are the select group of American youth, their activities are very much in the public eye.

It is up to the professors to set the example and to come to class with the proper attitude about their job. Your job as teacher does not mean you are obligated only to present the facts about your subject; your job is more than planting the seed. You must pull the weeds from around the growing plant and till the soil each day.

In other words, you must take a personal interest and pride in each and every student. The instructor should also be aware of the extra-curricular campus activities.

An education does not consist of academic work alone. In order to develop the whole person, there has to be a balance between academic work and social life.

The professor should not be completely against social life but should strive to encourage the proper balance in the student's life. The professor as a person is a part of the college and all of the personnel of a college make up the environment of the institution.

The professor by taking an active interest in campus activities is better able to understand the student and to guide a student toward a mature outlook on life.

So the professor should not chastise the student and blame him completely for his immature actions. Rather the professor should examine his own actions and the manner in which he carries out his job.

Many times the immature college student is the result of an immature approach toward teaching on the part of the instructor.

# Alumni Corner

By MILDRED T. WILSON



I need help! I received a letter this week but don't know just what action I should take concerning it. Maybe you have a suggestion. This is the letter.

Reverend Ralph Z. Nivlan  
Temperance Society  
Nashtonville 8, Tenn.

Dear Mrs. Wilson:

Perhaps you have heard of me and my nation-wide campaign in the cause of temperance. Each year for the past fourteen years, I have made a tour of the middle west and delivered a series of lectures on the evils of drinking.

On these tours, I have been accompanied by a young friend and assistant (whom we shall call), John Doe. John was a pathetic case, a young man of a good family background whose life was ruined because of excessive indulgence in whisky, gin, rum, and beer.

John would appear with me at my lectures and sit on the platform drooling at the mouth and staring at the audience through bleary, blood-shot eyes while I would point him out as an example of what drink would do.

Last summer, unfortunately, poor John died. A mutual friend has given me your name and I wonder if you would recommend one of your alumni to accompany me on my tour this summer to take poor John's place?

Yours in faith,  
(signed)

Ralph Z. Nivlan

(Which one of you alumni sent this to me?)

Letters from: Runnemed, N. J.—GLENN JONES (E&C '56) is with RCA in Camden, N. J., says his work is very interesting. He has been working on a small radio receiver and transmitter that will fit into a soldier's helmet. Also, he has been doing some work on the launching equipment for the ATLAS. Says too that he saw Georgia's snow on TV. But listen to this—he says this—"I imagine most of us now think of you when we think of the school." Glenn, this makes me feel ancient. Thanks anyway though.

Atlanta, Ga.—J. O. MASSEY (Mech'57) is with Westinghouse and is enjoying his work very much. He congratulates us on our plans for the new school and hopes some day his son will attend there.

Charlotte, N. C.—JACK A. BROWN (ET'57) apologizes for not sending in his alumni dues and for not keeping us informed as to his whereabouts.

Winter Park, Fla.—DICK PERRY (Mech'57) would like to hear from other alumni in his area. So—drop him a line. He says the weather is warm and nice in Winter Park.

Hickory, N. C.—JOEL L. REECE (E&C'58) is enjoying his work at Superior Cable Company and wants us to know how much he looks forward to receiving The Technician each month.

Cordele, Ga.—RICHARD EASON (Mech'55) sends news of BUBBA WOOLF (ET'55) and Joni, his wife and former STI secretary in the cashier's office. BUBBA and Joni are now back in Macon and BUBBA is back at Armstrong Cork Corp. BUBBA has been in the Army for the past two years. RICHARD is with Harris Foundry & Machine Company in Cordele.

Decatur, Ga.—WILLIAM K. McCAIN (H&AC'55) says to please remind him when his dues are due—his memory is not too good.

University, Ala.—YOG RAJ SEHGAL (ET'57) from Hissar, India, is now a student at the Uni-

versity of Alabama. Sehgal, come by to see us when you're in Atlanta.

Chattanooga, Tenn.—WALLACE J. LORD (E&C'58) writes that he is glad now that he struggled through STI—it was well worth the struggle. He is with Western Union Telegraph Co. He has met several alumni in Chattanooga.

Opa-Locka, Fla.—JERRY RUTHERFORD (E&C'57) is a Sales Engineer with Westinghouse. (Jerry, I'll be sure you're on the mailing list).

Sarasota, Fla.—CHESTER D. DAVIS (BC'55) is just out of the service and looking for a job. Davis, don't worry, you won't have any trouble—you will have a job very soon.

East Point, Ga.—GARY C. BAILEY (BC'57) says to forgive him for being so late in getting his dues in to us. Bailey, all is forgiven—just don't forget that dues are payable on the first of July each year.

Washington, D. C.—MARVIN T. HEARST (E&C'57) is an Engineering Aid (Telephone) for REA. Hearst, there are so many alumni in your area—you should all get together and form an alumni chapter. Let me know if I can be of any assistance to you in getting a list of names up for you, etc.

Utica, N. Y.—JOEL E. WALLACE (E&C'58) has been attending Remington Rand's Univac Computer School for several months and has now been assigned to the CAA computer installation at Washington International Airport. Hearst, here is another to add to your list. Wallace recommends Remington Rand to any prospective graduate who is interested in something new—he says to believe him computers are new. Wallace says he certainly enjoys The Technician and that he is particularly pleased with the alumni coverage. Wallace, all we need is for the alumni to write us the news—we'll publish it.

Daytona Beach, Fla.—LEO FETNER (E&C'50) has visited Electro-Mechanical Research, Inc. in Sarasota, Florida, recently and highly recommends it to prospective graduates. Fetner, haven't forgotten you, will write you soon.

PAUL E. BEECHAM, (BC, '57) was married November 8, 1958, to Sara Jane Miller of Decatur. Paul is now self-employed as a builder in the Decatur, Ga. area. Says he will never forget STI days with all the fellows and also the "slaving" over those drawing tablets. We are glad to have Paul's younger brother this year. He is also a BC.

THOMAS B. ROBERTSON, JR., (Mech, '52) is teaching Industrial Arts in the Brunswick Junior High School, Brunswick, Ga. Since leaving STI Robertson got his B. S.

degree in Education and has almost completed work for his Masters degree in Industrial Education at the University of Tennessee. He says he would now exchange his time at STI for the first two years in a 4-year college.

FRANKLIN A. LOHMAN, (BC '57) is now with the State Highway Dept. of Delaware. BOB CLAYTON, (Mech, '56) is still with Minneapolis-Honeywell in Columbia, S. C. and likes his job very much—says he owes all the credit to Southern Tech. CLIFF BLAISDELL (ET,'56) writes a nice note—hope you're feeling better (Blaisdell has been a little under the weather lately).

CLAUDE JACKSON, (E&C,'58) married "the" girl from Macon and went West—literally. He is now employed by Telecomputing Corp. and still finds time to go to night school. He works at White Sands Guided Missile Testing Range.

JERE ALLNOCH (E&C,'58) is now Chief Engineer at radio station WCQS, Alma, Ga. He also has a two-hour rock'n roll show in the afternoon—says he has a ball. Also wants any of you fellows who happen to be traveling through Alma to stop by to see him.

WALTER L. HUCKEBA (E&C, '56) writes his "regrets" concerning the banquet . . . he hopes to make it next year. He is with Remington-Rand, Alexandria, Va., and is currently assigned to their Univac File Computer installation at Bolling AFB. He sees ARTHUR K. HOWARD (E&C,'56) quite frequently. Howard is also with R-R and is with the technical liaison branch and does quite a bit of traveling. Huckeba says Howard is considered one of the best liaison men with the company. Nice to hear such good reports.

Plymouth, England—RUDOLPH J. WANKE (Mech'58) writes en route to Germany—shortly thereafter a Christmas card from Munchen, Germany.

Mexico City, Mexico—J. MARIO MESA (Ind'56) is now a Technical Representative for Arrow International. Mario is one of our alumni from Medellin, Colombia, South America. IVAN TATUM (GF'54) is now in the Army. Ivan, write to us.

Note: Please send your news in to us. We would like very much to hear from some of the earlier alumni.

Announcements: Engagements—BENNO FRIEDRICH (Mech & Ind '58) is engaged to Elizabeth Turner. They plan to marry in the summer and settle in the Atlanta area.

## The Technician

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### THE STAFF

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Member of Associated Collegiate Press

# COOPERATION IS SOLICITED FOR YOUR STI PAPER

By RUSSELL MAYO

The main purpose of a school paper is to inform the students of the different campus activities, school news, and news from each club on the campus. Each quarter, we are confronted with the same problem: to obtain news from the clubs.

At the time this paper was being prepared for press (January 16), we had exactly three club articles from approximately twenty-six clubs at Southern Tech.

The fault lies on the Club Editor and on YOU: on the Club Editor, because he failed to go to every club and see that the news was prepared; and, on YOU, because your club had not prepared an article for the paper.

You do not have to be an officer of a club to be active. As a club member, it is your duty to help in every way possible to promote the club, and one of the ways is to make sure your club is represented in your paper.

The school paper is not only distributed on the campus, but to alumni, other schools, and to different industries of the South. These people are not on this campus to see and hear the news of the various departments, and the news of non-departmental activi-

ties. For many of the alumni, THE TECHNICIAN is their only contact with Southern Tech. Certainly they are interested in the functions of their school, and above all, are interested in the developments of the departments from which they graduated. News which may be of no importance to you is of great importance to them.

The presidents, vice presidents, secretaries, and treasurers of a club are not the club; it is you, the members who make the club. You elected the officers. When you became a member, you also became a part of that club. So, support your officers and your club by helping them to make your club the best on the Southern Tech Campus.

Certainly you are not ashamed of your club. Why not let each student and alumni of Southern Tech, as well as all the represented industries, know what your club and department are doing.

It is YOUR responsibility as a club member to make sure your club is represented in THE TECHNICIAN. Elect a RESPONSIBLE person for this office and support him by making sure your club news is turned in to THE TECHNICIAN office (Mr. Sojourner's Office, Building 24) at least two days after each club meeting.

## The Technical Student's Creed

I intend to seek the finer things of life.

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

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

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

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

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

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

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

Written by a pupil at Union-Endicott High School, Endicott, New York

# CLUB NOTES

## T E X TECH ANNES RADIO CLUB

Tau Epsilon Chi, Textile Department club, was reorganized at their last club meeting with the adoption of a constitution, and election of new officers.

The following officers were elected: James W. Ingram, president; Leshi H. Odum, vice-president; Cleveland B. Digby, secretary and treasurer; Andy Martin, Student Council representative; and, Richard T. Mustin, freshman representative.

Tau Epsilon Chi is sponsoring a field trip to Scottdale Mills, Monday, January 19. On February 19, a seminar will be held with two outstanding speakers from the Textile industry. The field trip and seminar should prove valuable to all Textile Technology students. Plans are being made to sponsor an educational trip through the Georgia Tech Library.

Although the Textile Club has been inactive for the past quarter, Tau Epsilon Chi members have expressed great enthusiasm for developing itself into one of Southern Tech's most outstanding and promising organizations.

The Tech Annes held their regular monthly meeting, Thursday, January 15, in the Green Room.

It was decided that the Club would sponsor a Valentine Dance Saturday, February 14, at Southern Tech. All students are invited to this informal dance. A free door prize will be given. More definite plans of the Valentine Dance will be posted on school bulletin boards.

Faye Carpenter reported that the Club hopes to get the wives' PHT (Putting Hubby Through) diplomas for the June graduation. All Southern Tech students' wives will receive this degree upon their husbands' graduation.

After the business meeting, the Club played bingo. Prizes for the game were provided by local stores. Refreshments were served and the meeting adjourned.

For the new students' wives this quarter, the Club would like to extend an invitation to all the Club's meetings and activities.

### NOTICE TO ALL CLUBS

Campus wide clubs meet on first and third Thursdays; Departmental clubs meet on second and fourth Thursdays. Fifth Thursdays are for called or special meetings.

The Southern Tech Radio Club began the new year and quarter with the election of new officers.

They are: Jim Kinard, president; Sid Manning, vice-president; Frank Brown, secretary; Harold Roberts, treasurer; Jim Lumpkin, publicity manager; and, Hugh Faulk, communications manager.

The Radio Club is a campus wide organization, open to all Southern Tech students. A prospective member does not have to be a licensed amateur radio operator; the only requirement is that he have an interest in radio.

### IMPROVEMENTS

Many improvements have been made on the club's equipment since the beginning of the quarter. Among these improvements were the installation of a new antenna system; and, some improvements were made on the club's BC460-A transmitter. Because a new control panel has been added to the console, it is now easier to switch from phone to CW (code) operation with the BC460-A.

Jim Kinard stated that a new idea will be instituted this quarter. A group of three men will be assigned the responsibility of keeping all the equipment in proper working condition. These men will make weekly inspections to insure proper operation of the equipment. If this idea proves successful, a maintenance group will be formed every quarter, hereafter.

A very bright future is predicted for the Radio Club this quarter, and there is no reason for you not being part of it.

## E P I X

At their last meeting for the fall quarter, members of Epsilon Pi Chi elected new officers for the winter quarter. They are: Gerald Goraleczyk, president; Sam McKoy, vice-president; Russell Mayo, secretary; Charles Jaynes, treasurer; Ed Brownlee, sgt.-at-arms; and Lewis Croxton, historian. Under the leadership of these new officers, E Pi X has plans for a very outstanding quarter of accomplishments.

E Pi X is sponsoring slide rule instruction classes, which are open to any student. These classes are designed to help future technologists become more proficient with slide rule operations. These classes are free; time and location of slide rule classes are posted on STI's bulletin boards.

E Pi X is accepting applications for membership. Membership is open to all students in the Electrical Department, whether of the Power, Telephone, or Electronic Option. Any Electrical student who is interested in becoming a member of E Pi X may contact any E Pi X member, or come to the E Pi X Fraternity Room in Building 12.

Mr. McClure received this announcement:

PRODUCTION REPORT NO. 1 ENGINEERS: Bobby and Joanne Roberts

PRODUCTION MANAGER: Dr. Joe Daniels

PRODUCT COMPLETED: January 3, 1959

TIME: 12:42 a.m.

PLACE: The Clinic Hospital, Room 33

MAKE: Boy

MODEL NAME: Ronald Evans Roberts

SHIPPING WEIGHT: 7 lbs. 4 ozs.

PLACE OF EXHIBITION: 1118 College Street, Macon, Georgia

"The management reserves the right to cancel showing of new model for minor repairs."

## To The Student Body:

Probably many of you are wondering what your Student Government has accomplished for the benefit of the student body during the past quarter. This is a request I hope to fulfill by means of this letter.

Last quarter, it was the desire of many students at Southern Tech to improve the class ring. This suggestion was taken by the Student Council and a study made. It was learned by the council that a better quality, a better designed, and a more up to date ring could be purchased for the same price as the old ring. After this study, action was taken by the council to obtain a better class ring for the Southern Tech students. After many long, hard, and painstaking meetings, the council decided on a new ring for Southern Tech. The new ring will be ready for delivery June 1, 1959. Orders for the new ring can be placed at the Book Store now.

The Constitution of the Southern Tech Student Government has long needed revising. It is the objective of the present Student Council to revise the Constitution so that in the future the Student Council can function more efficiently. A Revising Committee has been appointed and work is well under way toward constructing a more solid and useful Constitution.

The Southern Tech Student Government has been going through a revising period during the past two quarters and consequently a better Student Government is the end result.

The plans of the Student Council for this quarter are to continue work on revising the Student Government Constitution; hold the election of class officers; set the new Student Council for spring and summer quarters into motion before the old council dissolves.

If the students at Southern Tech will continue to elect members to the council who are interested in the benefit and welfare of the student body at Southern Tech, there will be a better Student Council and consequently a better student body at Southern Tech.

I would like to thank the student body for its cooperation and interest during this past quarter and hope the future holds the same good relation; also each member of the Student Council deserves praise for their interest shown during the quarter supplemented with much hard work.

Respectfully yours,  
Robert W. Strickland  
President Student Council

## CAMPUS NOTES

I. D. CARDS—The identification cards received at the beginning of school are not valid unless you go by the treasurer's office and have it validated for the Winter Quarter, 1959. Your identification is personal and valuable to you. Be sure to have your I. D. cards brought up to date. See the treasurer today!

PARKING — The beginning of each school quarter brings the age old problem of auto parking. If

you are a dormitory student and have not registered your auto, be sure to register it promptly. Also, be sure to read the published parking regulations. Please remember to park correctly between the parallel lines, and please, please, no sidewalk parking.

SCHOOL PARTICIPATION — Begin the new year by taking part in your department's club and other campus organizations. Help disprove any insinuations that STI's school spirit is low.

# HORNETS SCORE BELOW PAR ON FLORIDA TRIP

By **TEDDY RAY JONES**

Southern Tech's Hornets lost a preliminary game to Stetson "B" team by 59-57. It was a thriller and a point or two decided down to the last one and two seconds of the game. After the game was over the basketball team watched Stetson take University of Toronto. The boys profit by watching all the stars at Stetson play outstandingly.



University of Florida Varsity outshot the Louisiana State University Tigers in a climaxing game, 69-63, at Gainesville, Fla. The Technicians also dropped a game to Florida Freshmen by 100-42.

At Tallahassee, Fla., the Hornets played an excellent second half trying to take the Florida State Freshmen in a preliminary game. The first half wasn't too good for the ballers of Southern Tech and the Florida State Freshmen won by 81-54. The varsity game was between Florida State and Mississippi Southern. The Seminoles played hard and won by a few points at the close of the game.

Second Game at

**SECOND GAME AT SOUTH GA.**  
At Douglas, the Hornets lost to a wide margin of 84-56 to South Georgia Junior College.

On statistics, the Technicians completed 20 field goals, and 16 free throws for a total of 56. The team was caught with 29 fouls and South Ga. with 15 fouls.

The score at the halfway mark was South Georgia 37 and Southern Tech 30. South Georgia shot 24 field goals and 36 free throws. The South Georgians missed only 7 of 42 attempts at the line. Southern Tech missed 5 out of 21 chances.

## ALUMNI

**Births**—JIM COWART (BC'56) a baby boy, Daniel Bryan, born November 25. TOMMY WATKINS (E&C'58), a baby girl, Julie Ann, 8 lbs. 3 ozs., December 6. WILLIE HAMPTON (IND'57), a baby girl born in December. NORMAN DELONG (Civil '51), a girl, December 25. HARVEY G. ROOKS (H&AC'55) says the old bird's proud of what he's done — he's brought them two instead of one! Twins—a girl, Teresa Faith, and a boy, Timothy Keith. Congratulations to all of you.

**Passersby:** W. D. BAKER (E&C '53) passed through Atlanta Friday and came out to visit for a while. He is an electronics contractor in Moultrie, Georgia. FLOYD L. MAYTON (MECH'57) was through recently. He is with Lane-Wells in Houma, La. LARRY L. PARLETT (GF'54) is back today from a South American cruise. In between cruises, Larry attends Oglethorpe University.

While we are on Remington-Rand, we might as well tell you that HOWARD CALLAWAY (E&C'58) is now working on a computer for R-R at Capital Air Lines. This computer, writes Callaway, along with associated equipment, will control all of Capital's reservations in several cities. DAV- ID YOUNG (Civil'57) works with the City of Fond du Lac, Wisconsin as an Ass't. Civil Engineer. He works with and for graduates of all of the top engineering schools. So, he gives another thanks for STI training.

### Box Score

	FG	FT	F	Pts.
Todd	1	0	3	2
Tyler	4	3	2	11
Bentley	5	4	5	14
Walton	4	0	4	8
Fisher	2	4	4	8
Subs.:				
Vinson	1	1	2	3
Smith	0	0	2	0
Shearouse	0	2	2	2
Weathers	0	0	1	0
Pittman	1	1	2	3
Abbey	1	1	2	3

Time-outs, Southern Tech 2, South Georgia 3.

### MIDDLE GEORGIA

The Technicians lost a close game to Middle Georgia by 70-61 at Cochran on January 16.

Southern Tech made 23 field goals and tossed 15 free throws for a total 61 points. The Hornets had 26 fouls during the game, 12 fouls the first half and 14 fouls for the second period.

Middle Georgia had 26 field

goals and 18 free throws for a final score of 70. The Middle Georgians ended the game with 21 fouls; 6 fouls for first half and 15 fouls for the second part.

The score at the half was Southern Tech 27 and Middle Georgia 32. Both teams called two one-minute time-outs.

Grady Bentley, Lumpkin, Ga., tied with Bryon Todd, Greenville, Ga., for 12 points. Johnny Walton was third with 9 points.

### Box Score

	FG	FT	F	Pts.
RF Todd	6	0	4	12
LF Tyler	1	3	2	5
C Bentley	5	2	4	12
RG Walton	4	1	4	9
LG Fisher	2	3	5	7
Subs.:				
Vinson	2	4	1	8
Pittman	1	2	1	4
Abbey	2	0	5	4
Smith	0	0	0	0
Shearouse	0	0	0	0
Weathers	0	0	0	0

Referees: Schenck, Podseole

## RESULTS OF FLORIDA TOUR

### BASKETBALL RESULTS

North Georgia Trade School	101	Southern Tech	63
Truett-McConnell	91	Southern Tech	53
Toccoa Falls Institute	73	Southern Tech	64
Toccoa Falls Institute	58	Southern Tech	81
Georgia Southwestern	81	Southern Tech	77
North Georgia Trade School	57	Southern Tech	54
Gordon Military	80	Southern Tech	68
Young Harris	81	Southern Tech	52
Stetson "B" Team	59	Southern Tech	57
University of Florida Freshmen	100	Southern Tech	42
Florida State Freshmen	81	Southern Tech	54
Truett-McConnell	93	Southern Tech	79
Middle Georgia	70	Southern Tech	61
South Georgia	84	Southern Tech	56

These are the scores of the games for the Southern Tech's Hornets until the game of the January 17. Southern Tech's record shows 1 win and 13 losses. Conference record is no wins and 7 losses.

Hornets have 10 more games on their schedule for the season until the Junior College State Tournament at Macon, Georgia, on February 18-21.

## INTRAMURAL BASKETBALL SCHEDULE IS ANNOUNCED

A student that wants "to get even" or "holler" at his professors should play for his department against the Faculty team. Some of the faculty team are Mr. Adams, Mr. Smith, Mr. Mueller, Mr. Lawson, Mr. Richardson and some more. If a professor wants to rag his bad students he should ask them to meet and play for his departmental basketball games.

Students should play for their departments so they can get up a good appetite before supper each night. Some of the individual boys have been working out and shooting their favorite shots. Let's back our departments for the basketball games.

The intramural basketball competition will be February 22. Several departments have signed up and have managers to sponsor each club. Some of these are Civil, Building Construction, Textile, Mechanical, Electronics and Communications, Electrical, Faculty, Industrial and Heating and Air Conditioning.

The games will be played at the Navy Gym at 5:00 p.m., and a schedule will be posted on the bulletin board beside Coach Lockhart's office before February 22.

Every game will be four eight-minute quarters and the games will be started promptly on time.

## Hornet's Basketball Schedule

x*Jan. 21	Young Harris
x*Jan. 22	Abraham Baldwin
Jan. 24	Mercer "B"
x*Jan. 30	Brewton Parker
x*Jan. 31	South Georgia
x Feb. 6	Brewton Parker
*Feb. 7	Ga. Teachers College Freshmen
x Feb. 10	Gordon Military
x*Feb. 13	Middle Georgia
x Feb. 14	Georgia Southwestern
Feb. 18-19-20-21	Ga. Jr. College Tournament at Macon

\*Home Games  
xConf. Games

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The U. S. Navy Aviation Information Team will be onboard the campus to counsel men who want to fly with the best team above the earth.

Shown here, the Chance Vought Crusader, typical of the high-performance aircraft flown by today's Naval Aviators.

INTERVIEWS

Jan. 29 ----- 9:00 A.M.

Southern Tech

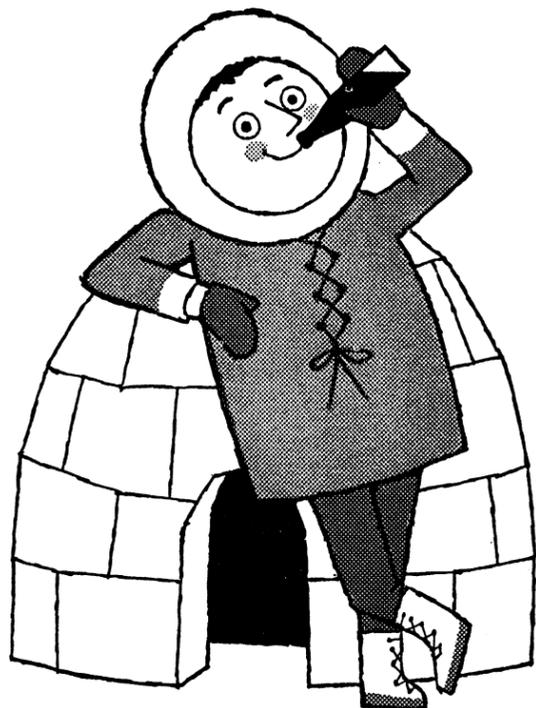
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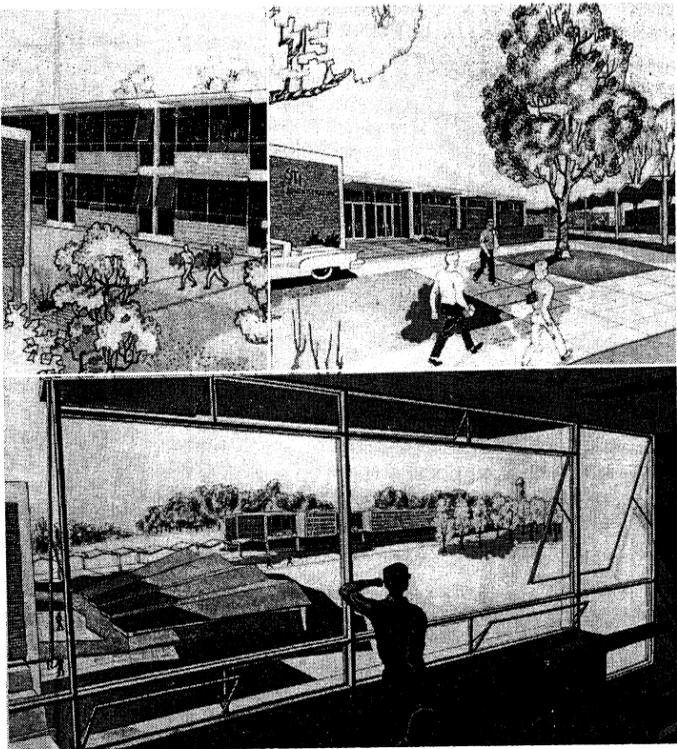


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# Proposed Architectural Drawings For New STI Campus

(Continued from Page 1)



rector Johnson gave the requirements a student must have to enter Southern Tech. These include graduation from an accredited high school with three years of English, two years of algebra, one of geometry; and scores on the College Entrance Examination Board Scholastic Aptitude Test in English and math. Director Johnson pointed out that a technician is often the liaison between the engineer and craftsman. A technician must, therefore, be able to communicate mathematically, scientifically and linguistically. The curriculum, according to Director Johnson, must emphasize the application of scientific principles to processes, machines, instrumentation, management, and electrical skills in each field of specialization.

Mr. Johnson closed his speech by expressing great pleasure over Southern Tech's move to Marietta. Afterwards Commissioner McCollum led Mr. Griffin, Dr. Harrison and Mr. Johnson to waiting bulldozers. At Commissioner McCollum's signal, the bulldozers made their pass to break ground officially for Southern Technical Institute. After the ground-breaking, the Marietta High School band played "The Star Spangled Banner," which closed the exercise. At 6:30 p.m. following the ground breaking exercise, all distinguished guests of the ground breaking exercise and their wives met in the Larry Bell Auditorium, Marietta, Georgia. The banquet began with the Invocation given by Rev. Gordan Thompson, pastor, First Methodist Church, Marietta. Mr. Harold S. Willingham, Cobb

County Representative, introduced the following guests: Mr. L. V. Johnson, Director of Southern Tech; Dr. Edwin D. Harrison, President of Georgia Tech; Dr. Archie Ruston, Director of the Marietta Off-Campus Center, University of Georgia; Dr. O. C. Aderhold, President, University of Georgia; Mr. Paul Sprayberry, Superintendent of Cobb County Schools; Mr. John King, aide to the governor; and past governor, Marvin Griffin. Mr. Sprayberry and Mr. King presented Governor Griffin with gifts, tokens of appreciation to the governor and his staff for their help in making Southern Tech's new location a reality.

Architectural drawings by David Savini of Atlanta and William Tapp of Marietta for Southern Tech's new campus have been tentatively approved. Prints of the new buildings may be seen on this page. The new campus will be masonry, with a modern semi-contemporary design. The campus will have ample parking space for student and faculty parking; space for future tennis courts, swimming pool, and new gym; classrooms with ample windows; and sufficient buildings for all students, administrators, and employers. Some buildings and sports facilities are

to be constructed later. But, according to plans, Southern Tech will open her doors on the new campus in September 1960.

### FUNDS ASKED TO AID SOUTHERN TECH

Representative Harold Willingham reports that the Marietta Board of Lights and Water and City Council of Marietta voted unanimously to issue revenue bonds to cover costs of sewerage and electrical facilities for Southern Tech's new campus. For sewers \$16,825 will be spent, and \$49,031 will be spent for electrical lines for Southern Tech.

## TIGHT SCHEDULE?



Make every "career planning minute" count! There are plenty of good angles to a life insurance career.

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The rapidly expanding electric utility industry offers many opportunities for trained men and women. In the past ten years the use of electric energy has more than doubled. This growth is expected to be duplicated during the next several years bringing with it more opportunities for engineers and other technically trained young people.

If you want information about the opportunities in the electric utility industry, contact Employee Relations Supervisor, Appalachian Power Company, Roanoke, Virginia.

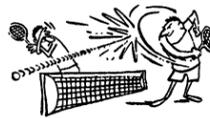


# Do You Think for Yourself? (ANSWER THESE QUESTIONS AND YOU'LL FIND OUT!\*)



1. If you get stuck on a crossword puzzle, do you (A) finally refer to a dictionary, or (B) leave the puzzle unfinished?

A  B



5. Would you prefer to play tennis with an opponent you know to be (A) not quite so good as you, or (B) a slightly better player?

A  B



2. Would you rather be (A) the designer of the first successful space vehicle to the moon, or (B) the first man to ride in it?

A  B



6. In deciding whether to see a movie, are you more influenced by (A) what a casual friend tells you about it, or (B) what you know of the cast and story?

A  B



3. If you were faced with two tasks, one pleasant and the other unpleasant, would you first do (A) the unpleasant task, or (B) the pleasant task?

A  B



7. If you were a multimillionaire, would you rather have (A) everyone know it, or (B) only a very few know it?

A  B



4. If you find you aren't doing well in an activity, do you (A) concentrate on it to improve your performance, or (B) devote your attention to things in which you do excel?

A  B



8. Do you take more notice of someone's (A) good looks, or (B) good manners?

A  B

9. When making your choice of a filter cigarette, do you (A) act on the basis of what someone tells you, or (B) think it through for yourself?

A  B

If you're the kind of person who *thinks for yourself* . . . you use judgment in your choice of cigarettes, as in everything else. Men and women who think for themselves usually smoke VICEROY. Their reason? Best in the world. They know that only VICEROY has a thinking man's filter and a smoking man's taste.

\*If you checked (A) on three out of the first four questions, and (B) on four out of the last five . . . you really think for yourself!

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Familiar pack or crush-proof box.



**The Man Who Thinks for Himself Knows — ONLY VICEROY HAS A THINKING MAN'S FILTER... A SMOKING MAN'S TASTE!**

## Enrollment, Catalog Data Given By Registrar Bryant

L. Y. Bryant, Registrar of Southern Tech, announced that the enrollment for the winter quarter totals 857. This is an increase over last winter quarter's enrollment of 826.

Listed among the enrollers, this quarter are 666 non-veterans. There are 689 in-state students, while the remaining 164 students are from other states and foreign countries. One coed is attending Southern Tech, and the outlook for more in the future is very promising.

The new 1959-60 Southern Tech Catalogue and Bulletin has recently been released. It includes many new photographs, of which one is the new school campus. New instructors are listed, with their degrees. Also, many other important factors of interest to the student are included. Such items as: enrollment requirements, fees, new absentee regulations, new parking regulations, new courses, and new graduation requirements.

### Southern Tech Enrollment

( 1 ) Veteran Enrollment			
1 P. L. 634	Instate		1
		Total	1
9 P. L. 894, 346, 16	Instate		5
	Out-of-State		4
		Total	9
181 P. L. 550	Instate		126
	Out-of-State		55
		Total	181
191 Total		Total	191
( 2 ) Non-Veteran Enrollment			
633	Instate Non-Veterans		567
	Out-of-State Non-Veterans		97
33 Rehabilitation	Out-of-State Rehabilitation		2
		Total	666
( 3 ) Total enrollment 857 one year ago 826 increase 31 or 3.8%			
( 4 ) New students 110			
( 5 ) Old students returning 747			
( 6 ) Number of students transferring from Tech Day School 16			
( 7 ) Number of students transferring from Tech Evening School 7			
( 8 ) Number of students transferring to Tech Evening School 18			
( 9 ) Number of 346 veterans 1			
( 10 ) Number of 894 veterans 8			
( 11 ) Number of students who graduated at end of Fall Quarter 34			
( 12 ) Number of scholarship students 0			
( 13 ) Number of quarter hours students Winter Quarter registered for 16,643			
( 14 ) Avg. quarter credit hour load per instructor $\frac{16,643}{293}$ equals 56%			
( 15 ) Average number of students per instructor $\frac{857}{56\%}$ equals 15			
( 16 ) Average student study load $\frac{16,643}{857}$ equals 19.4			
( 17 ) Number of Southern Tech graduates to date 1,687			

### December Graduates

NAME	DEPARTMENT	PT.	AVG.
Bishop, Brice W.	H&AC		2.38
Chapple, William E.	E&C		2.23
Clark, John E.	E&C		1.84
Coleman, Gerald T.	BC & Civil		2.24
Dryden, Jerry W.	E&C		3.62
Duensing, Clyde	E&C		2.57
Elsberry, Thomas L.	Mech		2.27
Freeman, George J.	BC & Civil		2.73
Fuenmayor, Edward	E&C		3.50
Gable, Larry P.	Mech		2.06
Gandy, Ernest E.	Mech		2.77
Garrison, Martin C.	Ind		2.64
Hembree, Donald R.	Ind.		2.13
Hughes, Darel C.	E&C		3.36
Lindsey, Jack F.	ET		2.69
Mullen, Paul D.	Civil & BC		2.30
Murray, Robert F.	Ind		2.29
Ogden, Walter E., Jr.	ET		1.76
Parker, Charles T.	Ind		1.99
Parks, Richard G.	GF		1.85
Powell, William C.	E&C		1.72
Reece, Joel L.	E&C		3.55
Rhoads, Glenn A.	GF		2.52
Ridlehuber, Richard B.	BC		1.89
Roberts, Bobby L.	Ind		2.05
Sheperd, Ray E.	Mech		1.89
Smith, Donny W.	Ind		1.84
Smith, Earl W.	Ind		3.20
Tyson, John J., Jr.	Civil		1.79
Waldrip, Carey E.	E&C & ET		2.95

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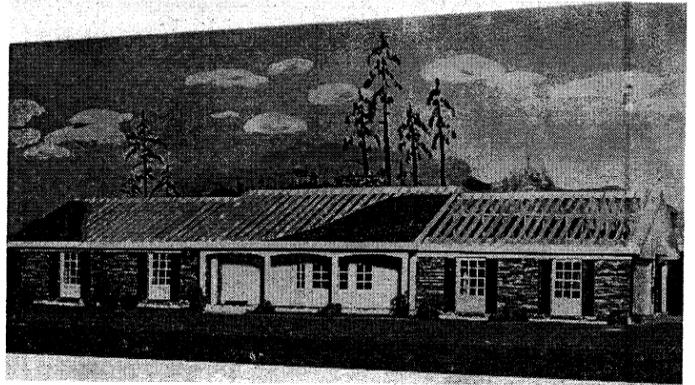
## MODEL HOME DESIGNED BY B-C STUDENTS

(Continued from Page 1)

amount of time devoted to drawing, only an introduction to its many phases can be offered. Proficiency comes only with experience. That has to be acquired on the job.

Because many companies start technicians in their design and drafting departments, superior ability very often becomes a stepping stone to the better positions and responsibilities with these companies. That is why we urge drawing students to put forth every effort to take full advantage of the time spent in drawing courses while in school.

Southern Tech was represented this year at the Southeastern Fair with a model home from the Building Construction Department.



The house was of a colonial style and showed well developed design and construction methods by use of cut-away sections. The house was designed by Daniel Deffenbaugh and built during the sum-

mer quarter by Daniel Deffenbaugh, J. M. Ramsey, W. G. Seay and F. W. Fleming under the supervision and with the help of Mr. E. J. Muller, Course Instructor.

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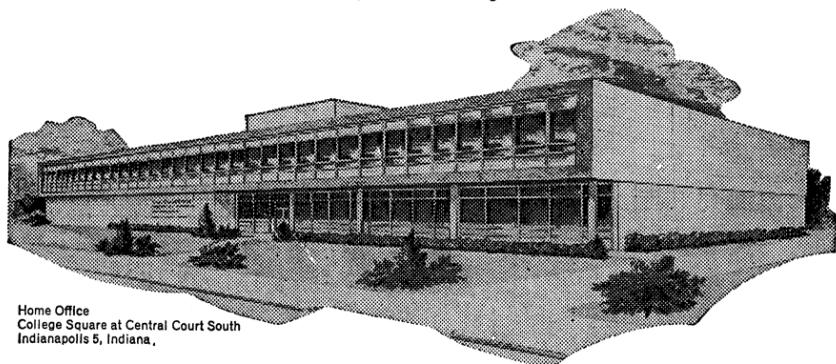
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