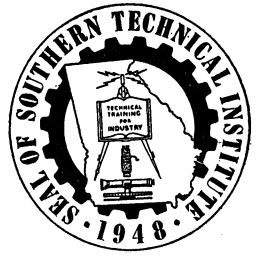


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## The Technician, Volume 15, Number 1

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Left to right — front row — Emory Caldwell; Sam Welsch, Mayor of Marietta; Herbert McCollum, Cobb County Commissioner; Harold Willingham, Cobb County Representative; James Plemmons, Editor of The Log; Buddy Cook; not pictured, Bill Kinney, Editor-Publisher, Smyrna Herald. Left to right — second row — Terrell Moore, Gordon Gunzelman, Ken Mitchell, Joe Williams. (Photo by R. W. Hays)

## Dignitaries Present For Dedication of Yearbook

By college tradition students dedicate their yearbook to a venerable, white-haired professor. But students at one technical college have shattered tradition by dedicating their school annual this year to 119,833 people.

The publications staff of *The Technician's Log*, student yearbook of Southern Technical Institute, broke the dedication tradition by inscribing their 1962 annual to the citizens of Cobb County, Georgia, and the county seat of Marietta. This year's annual was the first published since Southern Tech moved into its new campus in Marietta on October 2 of last year.

At a campus ceremony on May 31, James Plemmons, yearbook editor; and J. B. Sojourner, faculty adviser; presented copies of the publication to city and county lead-

ers. Receiving yearbooks were Sam J. Welsch, Marietta mayor; Herbert C. McCollum, Cobb County's Commissioner; and Harold S. Willingham, Marietta attorney and Cobb County legislator. Bill Kinney, prominent Cobb County newspaper publisher, was invited but was unable to attend the ceremony. Willingham and Kinney had sparked the drive by Marietta's Kiwanis Club to develop Southern Tech's new 120-acre campus.

The dedication page of the annual reads "In recognition of the generosity and friendship of our benefactors who helped make possible the fine, modern campus of the Southern Technical Institute, we gratefully dedicate the 1962 Technician's Log to the people of Cobb County and the city of Marietta."

## Advice And Welcome Given Freshmen By L. V. Johnson

The editorial staff of *The Technician* asked Mr. L. V. Johnson, Director of the Engineering Extension Division, to express his welcome and give advice to freshmen.

Here is what he says: Welcome — both new and old students — to the new Southern Tech, and a new year of opportunity and experience.

While pursuing your studies here, keep in mind that you are living in an age of automation, (a governing concept of production and distribution) which of necessity requires an "educated society". In today's automated production knowledge is the central resource. Today the largest employee groups in America are people who work with knowledge rather than with their hands. In the last decade this group (which includes managerial, technical and professional people) has overtaken in numbers the skilled craft group of the mass-production age, including machine operators.

Today "knowledge workers" are the only groups which are growing very rapidly. Knowledge has become a capital asset — more valuable to America and to the production process than land, money, or buildings — because without knowledge other resources would be almost useless.

Yesterday the man who had learned a skill was thought to be "set" for life. Increasingly, craft

skills are today becoming meaningless. Many skills not available today will be those required for tomorrow.

Perhaps we should redefine our idea of "skills." Instead of being "what one has learned," skill should be defined as "the capacity to learn — the capacity to apply the basic theory and knowledge of today to the new tasks of tomorrow." This is the kind of skill you enrolled at Southern Tech to get.

All eleven Southern Tech curricula are designed to include skills in the basic sciences, mathematics, communications and the particular field of study needed to qualify the engineering technician for the jobs of today and for jobs which are unknown today. As you progress through Southern Tech, learn basic theory and fundamentals — not just the formula of today.

As director of Southern Tech from its establishment in 1948 until 1959, I was proud of the records made by your predecessors. In my larger responsibilities as director of Georgia Tech's Engineering Extension Division (which still includes Southern Tech), I challenge you to equal and surpass the service to industry being rendered by Southern Tech's more than 2700 alumni.

Again, Welcome to Southern Tech. Study hard but have fun also. You will find college to be the most enjoyable period of your life.

## McClure Predicts Successful Year

According to Mr. H. L. McClure, Director of Southern Tech, the freshman class entering on September 24 will be the largest class in the history of the school. At least 950 students (450 of them freshmen) are expected to enroll. Director McClure welcomes students as follows:

Welcome to Southern Tech. You have made a fine choice of schools. The Southern Tech faculty and staff stand ready to assist you in your very important task of preparing for a rich and productive life.

As you know, we moved into this campus one year ago. Although much progress has been made during the last year, much more will be witnessed by you during the next year. You will see considerable landscaping being done, air conditioning installed in the classroom building, an entrance sign erected for the campus, much new laboratory equipment installed, and many other improvements. In fact, this should be Southern Tech's finest year.

We know, however, that our growing national reputation is determined, not by the excellence of our plant or our equipment but by the excellence of our product — namely our graduates. Because we know this, we pledge to you our best effort in offering the finest technical education of its type in the South and one of the finest in the nation. If you, in turn, will pledge your best effort in this joint endeavor, the combination is unbeatable.

## Counselor Solves Student Problems

William J. Glenn, Southern Tech's counselor-interviewer, has visited Middle and South Georgia several times during the late spring and summer to interview applicants. The towns he traveled to on these trips included Barnesville, Macon, Cochran, Savannah, Brunswick, Glennville, Alma, Hoboken, Douglas, Fitzgerald, Perry, Dublin, and Wrightsville. More than 40 applicants were interviewed, and he talked to many high school principals and counselors.

Mr. Glenn says that the purpose of the interviews was to become acquainted with the boys who have applied for admission to Southern Tech and to answer any questions they might have about coming to school.

Housing, financial arrangements, financial aid, part-time jobs, the co-op plan, courses of study and transfer credit were some of the subjects Glenn discussed with the applicants.

The job of Southern Tech's counselor is to help the students. The counselor's office is Room 101 in the Administration Building, and Glenn states, "My door is always open to STI students."

## Increase Of Gas Fuel Scholarship

The National Liquefied Petroleum Gas Association has recently increased by \$2,000 its loan-scholarship at Southern Tech.

According to W. L. Thomas, head of Southern Tech's Gas Fuel Technology Department, the loan-scholarship fund will help high-aptitude students to prepare themselves specifically for technical careers in the gas industry.

Thomas said, "The industry has certainly given Southern Tech ample support. Our only problem has been finding enough qualified young men and women who will enter gas fuel training."



First row, left to right, J. W. Farrow, R. L. Jones, J. W. Collins, R. D. Warren, H. H. Sowell, A. C. Cornelius. Second row, left to right, C. V. Maddox, B. L. Law, J. R. Christensen, R. M. Duke, L. D. Harrison, W. L. Langston, D. A. Shelton. (Photo by Harry Smith)

## Duke, Law, Cornelius to Direct Student Council

The Southern Tech Student Council elected officers to serve during spring and summer quarters. They were president, Ray M. Duke; vice-president, Billy L. Law; secretary, Alfred C. Cornelius.

The purpose of this organization is to recommend student rules and regulations, to transact business, to represent the interest of the students, and to execute their will in accordance with the privileges granted the student government by faculty and administration of the Southern Technical Institute.

Departmental representatives to the Council are as follows: Building Construction, Billy Law and Lawrence Surber; Civil, Richard Jones and Ronald Warren; Electrical, Joseph Jordan; Gas Fuel, Attilano Rojas and Dallas Shelton; Heating and Air Conditioning, Ray Duke and Henry Sowell; Industrial, Alfred Cornelius; Mechanical, John Christensen and James Farrow; Textile, Larry Harrison and Winfred Langston.

## Haralson, Textile, Tops Summer Point Average

Mose Royce Haralson, a student of the Textile department, leads the summer school graduates with a point average of 3.73. Mr. Haralson, a native of Thomaston, Georgia, is a Co-op student working at Thomaston Mills. He enrolled at Southern Tech June 8, 1959, and has earned a number of distinctions. In 1960 he was chosen to represent the Circle K Club of Southern Tech at the International Convention in Toronto, Ontario, Canada. He has been a member of the Stu-

dent Council, Vice-president of Tau Epsilon Chi (the textile fraternity), and Associate Editor of *The Technician*.

Jerry Johnson, from Nashville, Georgia, has second-place honors with a 3.63 point average. Mr. Johnson, a Civil Department student, in addition to playing varsity basketball, was President of the Freshman Class, Vice-President of the Monogram Club, and a member of the Civil Club.

## Candidates For Graduation Summer 1962

- |   |  |
|---|--|
| <p><b>ASSOCIATE IN SCIENCE DEGREE</b><br/>in<br/><b>BUILDING CONSTRUCTION TECHNOLOGY</b><br/>Charles Everett Carpenter<br/>Carl Leroy Mathews<br/>Roy Womack Patten<br/>Stephen Francis Ritz<br/>Howard Ray Thompson</p> <p><b>CIVIL TECHNOLOGY</b><br/>Terrence Warner Bentley<br/>Jimmy L. Bullard<br/>Aurelio Blanco Diaz<br/>Kenneth Marion Fraker<br/>Jerry William Johnson<br/>William Hervis McVey<br/>Carl Leroy Mathews<br/>James David Parreco<br/>Marion Ernest Richards, Jr.<br/>Carey Eugene Treadwell<br/>Oscar Thomas Walden<br/>William Lamar Watson</p> <p><b>CIVIL TECHNOLOGY—CO-OPERATIVE PLAN</b><br/>Ernest Emory Clements<br/>George Benjamin English, Jr.<br/>William Clyde Griffin<br/>Dennis Michael Lord</p> <p><b>ELECTRICAL TECHNOLOGY—ELECTRONICS OPTION</b><br/>John Wiley Beall<br/>Ray Braswell<br/>Douglas Hubert Dennis<br/>Joseph Garland Doster<br/>James William Dunn<br/>Harold Clayton Evans<br/>Bobby Gene Haynes<br/>Joseph Sterling Jordan<br/>William Ellis Martin<br/>Roy Phillip Oliver<br/>Jerome Woodard Rose<br/>Charles Louis Schmalmaack, Jr.<br/>Linton Norris Swindell<br/>Thomas Lee Towne<br/>Arthur Ronald Withers</p> | <p><b>ELECTRICAL TECHNOLOGY—TELEPHONE OPTION</b><br/>Jimmy Garell Wright<br/>John Sosebee Morrison</p> <p><b>GAS FUEL TECHNOLOGY</b><br/>Ted James Critchfield<br/>Rosaire Fortin<br/>Robert Earl Godwin<br/>Francis Clifton Hutto<br/>Malcolm Harry Martin<br/>James Eugene McNeair<br/>Davis Aiken Yau</p> <p><b>HEATING &amp; AIR CONDITIONING TECHNOLOGY</b><br/>Ray Morgan Duke<br/>Charles Major Dykes<br/>Andrew McNeair Soule<br/>Henry Horace Sowell, Jr.<br/>James Edgar Sudderth, Jr.<br/>Davis Aiken Yau</p> <p><b>INDUSTRIAL TECHNOLOGY</b><br/>Joseph Oliver Bailey<br/>Jerry Stanley Bedgood<br/>Donald Thomas Cooper<br/>John Rabun Hood<br/>Gerald Lee McNally</p> <p><b>INDUSTRIAL TECHNOLOGY—MANAGEMENT OPTION</b><br/>Joseph Oliver Bailey<br/>Samuel Dewey Brown<br/>Donald Thomas Cooper<br/>Gordon Eugene Gunzelman<br/>John Rabun Hood<br/>Bobby Keith Ramey<br/>John Michael Russell</p> <p><b>MECHANICAL TECHNOLOGY</b><br/>Joseph Oliver Bailey<br/>Samuel Dewey Brown<br/>Joseph Henry Dean<br/>Robert Newton Ives<br/>Kenneth Clyde Nels<br/>William Leon Ragan, Jr.<br/>Thomas Francis Sineath</p> <p><b>TEXTILE TECHNOLOGY</b><br/>Mose Royce Haralson<br/>Harold Eugene Towstee, Jr.</p> |
|---|--|

## Editorial

### Happy Anniversary, Harrison!

On August 15 Dr. Edwin D. Harrison celebrated his fifth anniversary as president of Georgia Tech. Southern Tech salutes Dr. Harrison and expresses congratulations and best wishes to him as president of our parent institution.

### A Message To The New Students

College, what will it be like?

This is a question asked this fall by every freshman entering college for the first time. It's a strange new world, exciting and frustrating. There will be problems, a flock of them, but college should not be expected to be a smooth path toward wisdom and maturity. Sometimes the difficulties are serious; most often, not; but the wear and tear is hard on student, parent, and teacher alike.

The first thing most freshmen discover about college is that it is difficult. At all institutions academic standards are rising, and work is increasing in volume. And competition among students for marks is intensive.

Many freshmen encounter academic hardships, due to poor preparation. They find research a heavy burden, mainly because they aren't used to doing large amounts of reading, and they lack the ability to write well. Another problem is concentrating. Freshmen discover that they have never learned how to study intensively, how to read difficult texts, or how to follow a complicated information-crammed lecture. Often, new friendships distract students from concentrating.

Time gets out of hand as well. High school assignments were given day by day; now they cover long periods, with no reminders from the teacher, and the student must plan his own schedule of study. Often reading and lab assignments pile up, and the student becomes panicky. In order to overcome these problems, the student must get into the habit of planning his time and attacking work at once.

### Post Office

The Southern Tech Post Office is located in the south end of Building 3, (Laboratory Building).

All students, day students as well as dormitory students, must have a mail box at the Post Office. Students are required to check mail boxes daily. The Post Office is open Monday through Friday from 8:00 A.M. until 4:15 P.M. and on Saturday from 8:30 until Noon. The morning mail is in your box by 10:30; the afternoon mail is ready for delivery at 2:30.

If you live in an STI dormitory, your address is Southern Technical Institute, Marietta, Georgia.

### Daily Schedule

Every school day begins at 8 A.M. and lasts until 5 P.M. unless some special scholastic obligation carries beyond that hour. You are, however, required to be in school and at class only when the particular subjects you are carrying are scheduled. Other periods are considered "off" or "free," and you may study or do whatever you feel will be the most profitable to you. The day's schedule, other than Thursday's, goes like this—

1st Period	8 A.M. to 8:50	6th Period	1:10 to 2:00
2nd Period	9 A.M. to 9:50	7th Period	2:10 to 3:00
3rd Period	10:00 to 10:50	8th Period	3:10 to 4:00
4th Period	11:00 to 11:50	9th Period	4:10 to 5:00
5th Period	12:00 to 12:50		

It should be helpful to know that all theory-lecture classes are 50 minutes net in length; whereas laboratory sessions are usually three hours in length.

### Thursday's Schedule And Club Hour

Because of the Club Hour, from 12:45 until 1:20 on Thursdays, at which time campus organizations and activities meet, a special schedule is operative on all Thursdays. You should observe carefully and become accustomed to the following special schedule.

Thursday Club Day Schedule			
1st Period	8:00 to 8:45	Club Period	12:35 to 1:20
2nd Period	8:55 to 9:40	6th Period	1:30 to 2:15
3rd Period	9:45 to 10:35	7th Period	2:25 to 3:10
4th Period	10:45 to 11:30	8th Period	3:20 to 4:05
5th Period	11:40 to 12:25	9th Period	4:15 to 5:00

### Book Store

The Southern Tech Store is located on the first floor in the south end of Building 3.

Bookstore hours are 8:30 A.M. to 4:30 P.M., Monday through Friday. The store is not open on Saturday.

Simply present your quarterly schedule of classes to the Bookstore clerk between the stated hours, and he will supply you with your classroom and laboratory needs. These are paid for in the Bookstore and not in the Treasurer's office.

### Parking, Traffic Regulations

All cars and trucks operating on the campus other than those of visitors and school-owned vehicles must be registered and must have a Southern Tech parking decal in the lower right-hand corner of the windshield.

The fee for registering a car is \$3.00. Additional cars may be registered for \$0.50 per car. This registration fee is for the academic year or any part thereof and should be paid along with other fees.

Parking tickets will be given for:

1. Speeding on the campus.
2. Parking in reserved places.
3. Parking on service road, driveways, and walkways.
4. Parking on unpaved areas.
5. Operating or possessing an unregistered car on the campus.
6. Parking in entrances or exits of parking lots.
7. Failure to properly report a change in auto license tag number.
8. Giving false information and/or falsely registering a car.
9. Reproducing or defacing a parking decal.

If for some reason it is necessary for you to drive an unregistered car to school, get a temporary permit from the Dean of Students.

### PENALTIES FOR INFRACTIONS

For any infraction of the regulations above, you will be assessed a fine of not less than \$1.00. A list of the infractions with the corresponding fines will be handed to you when you register your car.

Fines are payable at the Treasurer's office not later than the next school day following the date of the infraction. Failure to do this will increase the fine and/or cause disciplinary action to be taken.

(Continued on Page 3)

## Alumni Corner

By Armenta Simmons

### Brochure Informs Of Southern Tech Graduates Capabilities In Industry

The Placement Department is preparing a brochure to be mailed with Georgia Tech's mailing to industry this month. It is hoped that our contacts with industry will be greatly increased through this mailing and that Southern Tech will gain many prospective employers. The performance of the graduates are what makes all this possible, so let us know of your promotions, both in titles and salaries.

### ALUMNI NEWS

Another academic year - - - another column! Let us have some news so your friends can keep up with you.

CLASS OF '49: No news.

CLASS OF '50: No news.

CLASS OF '51: No news.

CLASS OF '52: No news.

You pioneer Southern Tech graduates let us have some news about your jobs or your families!

CLASS OF '53: Fred Cook, ET (PO), from Galion, Ohio, dropped by to see the new school, and he seemed pleased with his alma mater's face-lifting job.

CLASS OF '54: BILL HOLLAND, ET (EO), way up in Huntingdon, Pa., sends his best wishes to his friends on the faculty . . . and I appreciate your good wishes, too, Bill.

CLASS OF '55: BUBBER WOOLF, ET (PO), and wife Joni of Macon are the proud parents of another little girl, Carey Susan. She arrived on August 16. Congratulations! This makes two girls and a boy for them.

CLASS OF '56: HAROLD LEE (BC) tells me that BOBBY CAUSEY (BC) and his wife have a new addition, too. Thanks for the information, Harold . . . of course, I knew about Joni and Bubber. HUGH PATRICK, ET (EO), from Palatka, Florida, dropped by to visit us. DONALD E. STOVER, ET (EO), and his wife have a baby girl born on April 23. She is Donna Leah. Congratulations to the Stovers. BERNARD A. FLATLEY, ET (EO), with Melpar, Inc., came by to see the new campus this summer.

CLASS OF '57: JAKE HEATON, CIVIL, has recently been made Manager of Cerco of Georgia, Inc., a new firm formed recently. The officers have been in the same type of business in Birmingham for thirty years, and the new firm is in Atlanta. Best wishes to you in your new endeavor, Jake. URAL T. JONES, ET (EO), writes that he has recently had his fourth promotion in less than five years by the

National Bureau of Standards. He credits Southern Tech with his success, and we appreciate that. RICHARD LANDERS, IND-MECH, writes that his family is fine; his younger boy, Phillip Wayne, just had his one-year birthday. Richard is with Jefferson Mills.

CLASS OF '58: CLINTON WHITE, ET (EO), and his wife from Iowa dropped by to see the new school. RUDOLPH J. WANKE, MECH, who went to Germany to study at the Technical University of Munich after graduation from STI, is back in New Jersey and planning to continue to go to school in the evenings to get his BSME. Best wishes to you in this endeavor. WALLACE C O L E, MECH, writes that he will be in Gaffney, S. C. with Oxford Manufacturing Company. ALBERT MARTIN, ET (EO), dropped by . . . he is with Univac in Bloomington, Minn. JERRY ASHMORE, MECH, has recently moved back to Atlanta with Mabie-Bell Company. JIM BAGWELL writes from sunny Miami that they have a new addition — Pamela Elizabeth. Congratulations!

CLASS OF '59: RAY G. ALEWINE, MECH, sends his regards to all his Southern Tech friends. JOHN A. MULLIS, MECH, dropped by while on vacation. J. B. MOORE, JR., H&AC, and wife are in California. Let us know more about your move . . . BOBBY MUSSELWHITE, ET (EO), is in Canary Islands with the job he got when he graduated. BILL OWENS, IND., writes from Mississippi . . . sounds like he is recruiting for STI . . . keep up the good work, Bill. Yes, my Bill has graduated. JIM McDONALD, MECH, says he really enjoys his work with The University of California's Lawrence Radiation Laboratory . . . we appreciate your loyalty to STI too. ROBERT R. SUMNER, BC, wrote a short note from Pennsboro, West Virginia. CHARLES G. JACOBS, ET (EO), is teaching digital computers to Navy personnel in Virginia. Sounds complicated! EDGAR CHAMBLEE, MECH, is going to night school at the Univ. of Dela-



ware working toward his BS in Mechanical Engineering. His wife, Evelyn, is also going to the University taking Medical Technology. Keep up the good work!

CLASS OF '60: EDGAR P. STACY, ET (EO) says he is completing his "tour" of Greenland and coming back home. He has been up there about two years with RCA. GAY A. STEPHENS, MECH, and wife write that they had a wreck on vacation in Florida — no one hurt in their car and not their fault. Glad you weren't hurt! WILBUR HOLLOWMAN, IND. T., and family are now living in Macon. They have a new son, David. Their little girl, Vickie Lynn, is three years old. JIM WHITAKER, ET (EO), dropped by from Whippany, N. J. CHARLES SHURLING, CIVIL, writes that he always likes to hear from Southern Tech . . . and we like to hear this. ROBERT POOLE, BC, from Clinton, S. C., dropped by. RON WILLIAMS, ET (TO), paid us a visit from Southern Pines, N. C.

CLASS OF '61: ROBERT H. WALKER, ET (EO), writes from Wilmington, Ohio, where he is with Curtiss-Wright. He is looking forward to *The Technician* . . . TEDDY COOPER, BC-CIVIL, dropped by on leave from the Navy. JIMMY GODWIN, ET (EO), it was good to hear from you. GEORGE MORSE, MECH, dropped by this summer on leave from the Air Force. FORREST S. BOYER, III, MECH, says his education at STI has certainly helped him . . . we appreciate these words, Forrest. KEMP DENNEY, BC, writes us from Carrollton, Georgia, where he is with Harrison Engineering. RODRICK GOINS, ET (EO) it was good to hear from you. DOUG TANKERSLEY, BC, "thank you for them kind words . . ." we are glad that you too appreciate Southern Tech. CLARK EVANS, CIVIL, who is in the army came by to see us. THE PUCKETTS (JERRELL and JOYCE), MECH. AND IND., are living in Dalton. Joyce is with Belcraft and Jerrell with Dixie Bell Carpet Mills.

CLASS OF '62: ROBERT L. MAY, ET (TEL), and wife, Anne, have a new daughter born August 4. Her name is Marianne Gressett. Congratulations. Bob is Assistant Special Equipment Engineer with the Winter Park Telephone Company, Winter Park, Fla. KENNETH STANFIELD, ET (EO), says he is quite happy with his job. JAMES T. PLEMMONS, ET (EO) — the ol' Campus Roamer, wrote a most interesting letter from Gaffney, S. C., where he and family have bought a beautiful modern antique-brick home. He said he thought he had a "glass" house when he had to buy the drapery material for the living room and family room. DAVID LAWSON, IND., and wife, Betty, say they are quite happy in Statesboro. They plan to build a house in the near future. Good luck! WADE A. BRYANT, MECH, also writes from Statesboro that he is quite happy. He says there are some mighty pretty females in that South Georgia town! RICHARD WIGGINS, H&AC, came by to see us on leave from the Air Force. THURMAN S. LORD, CIVIL, thank you for your expression of appreciation. STEVE SHATTUCK, MECH, is in the army for six months . . . See you when you get out, Steve.

P.S. Mr. Sojourner thinks I'm too "long-winded," but let me have NEWS so I won't disappoint him.

### Dining Hall

Dining Hall hours are from 7 A.M. until 4 P.M. Monday through Friday.

The Dining Hall is attempting to get permission to add regular lunch-meals to our menu along with additional seating space.

The regular meals will be on a trial basis, and it will depend on whether or not the students want them enough to warrant having regular meals.

## Fall Quarter, 1962

September 24—Registration for "new" (beginning) and "old" (returning) students.

Orientation for beginning students.

September 25—Classes begin for returning students.

Orientation continues for beginning students.

September 26—Late registration fees apply.

Classes begin for beginning students.

September 29—Last day for registration. Last day for adding a subject to study list.

October 27—Last day for dropping a subject from study list without penalty.

November 3—End of deficiency report period.

\*November 22—November 25—Thanksgiving recess.

December 15—End of term.

\*December 16—January 1—Christmas recess.

## The Technician

Published monthly by the students of The Southern Technical Institute, Marietta, Georgia

### THE STAFF

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## Two Engines Donated For Experiments In Gas Fuel

A Marietta, Georgia, automobile dealership has donated two complete automobile engines for experimental purposes to the nation's only technical school which offers courses in gas carburetion. Kelly Motor Company recently donated two completely rigged engines to Southern Technical Institute. The engines will be used in teaching gas fuel students how to convert standard engines so that the engines will burn propane gas.

The engines were presented to Southern Tech on May 10 by a group including Walter Kelly, Sr., president and founder of Kelly Motor Company; J. J. Jordan, Regional Service Counselor of the Dodge Division's Atlanta Region; W. L. Keck, Simca representative for U. S. Simca Sales; and W. L. Thomas,

head of Southern Tech's Gas Fuel Technology Department.

Both engines will be converted to run on LP-gas instead of gasoline. The two engines are an 8-cylinder Dodge and a standard Simca. Southern Tech offers the nation's only two-year program in gas fuel technology, and students enrolled in the course are much in demand in organizations which are converting power units.

Kelly, in presenting the engines to the college stated: "The automobile industry owes a debt to technical education, since the automotive industry is a leading 'customer' for educational institutions. We must have thousands of well-trained young men each year, and we want to help educational institutions like Southern Tech train them."



PROFESSOR R. W. HAYS  
Head, English Department

## Two Books Will Include Article

An article written by Robert Hays, a Southern Tech professor of English, is to be a part of two forthcoming publications. The article, entitled "What Is Technical Writing?," was originally published in *Word Study* magazine, a publication of the G. and C. Merriam Company.

A reprint of the article will appear in an anthology concerning technical and professional writing — edited by a Newark College of Engineering professor, and in a manual on various forms of practical writing being prepared by an associate professor at the California State Polytechnic College.

Hays' article had already been scheduled for inclusion in an anthology of readings for engineering students prepared by two professors at Ohio State University.

## Iota Tau Makes Gift To Library

Members of the Iota Tau Fraternity, professional fraternity for Industrial Technology students at Southern Technical Institute have donated one hundred dollars to the college library. The announcement and transmittal of the gift were made by Ray Walker, president; and Sam Bowen, treasurer of the Iota Tau chapter.

According to the students, the fraternity gift is intended primarily to purchase texts in the field of industrial engineering, technology, and management. Southern Tech offers the associate in science degree to both industrial and industrial management technologies.

R. N. Edwards, Southern Tech Library Supervisor, accepted the gift with these words, "One of the most important pleasures of working at Southern Tech is the interest of the students as exemplified by such gifts. It is always especially delightful to help those who help themselves."

## Hams To Resume Club Activities

For the past two quarters the ham club has been inactive. This was due to the absence of a club room and the lack of interest.

However, through the efforts of some of the old club members and new amateurs, the club has been reactivated. As a result, the first meeting was held recently and officers were elected. They are as follows:

President, Dave M. Galbraith, K4YDJ; Vice President, Bill Barr, K4KZP; Secretary and Treasurer, Bob Smith, K4PHE; Program Chairman, Frank Clark, K5QDM.

Through the co-operation of Mr. J. W. Newton, MARS (Military Affiliate Radio Service) director for AG4YVA at Dobbins AFB, the club has obtained a 30-foot trailer which may serve as a temporary "ham shack" until a room is appropriated.

The ham club is not limited to amateurs, but anyone who is interested in radio may join. Meetings are held in room 453 on the second and fourth Thursday of each month.

## Organizations Offer Many Opportunities To Student

Southern Tech offers three international groups, five national groups, six campus-wide groups, nine fraternities, and two student publications. These organizations provide opportunity for personal development that is widely varied.

Circle "K"—An international college level Kiwanis Club. This service club is sponsored by Sandy Springs Kiwanis Club. Sponsor—Mr. W. S. Newman.

Toastmaster — An international club for those seeking improvements in the arts of speech and leadership. Sponsor—Mr. Steinkamp.

American Society For Metals (ASM)—An international club composed of students and engineers who are interested in new ways of processing metals in new machinery. Sponsor—Mr. Cuba.

IRE—Institute of Radio Engineers—An international organization for the advancement of electronics and related fields. Sponsor—Mr. Carter.

Society For The Advancement of Management (SAM)—National organization which strives to increase knowledge of business management and efficiency. Sponsor—Mr. Eller.

Tau Alpha Pi—National Honor Society National Organization for students with 3.00 point average, 30 completed hours work, and high standards of character. Sponsor—Mr. Carter.

American Society of Tool Manufacturing Engineering — A.S.T.M.E. National group who study and improve methods of tool engineering. Sponsor—Mr. Cuba.

Camera Club—Club for students who wish to learn more about photography. Sponsor—Mr. Smith.

Radio Club (W40MC)—Organization which promotes interest in communication and service. Sponsor—Mr. Carter.

Glee Club—Group whose objective is to have fun and put talented

voices to use. Sponsor—Mr. Smith.

International Club—Club which brings students from different countries together for fellowship. Sponsor—Mr. Nahari.

Tech Annes—Club for the wives of married students. Sponsor—Mrs. Anne Rose.

Student Council — Organization composed of two representatives from each department who transact business and represent the students.

Tau Epsilon Chi—Fraternity for members of Textile Department. Sponsor—Mr. Alford.

Alpha Beta Sigma—Fraternity for members of Building Construction Department. Sponsor—Mr. Orvold.

Alpha Mu Sigma—Fraternity for members of Mechanical Department. Sponsor—Mr. Freeman.

Epsilon Pi Chi—Fraternity for members of Electrical Department. Sponsor—Mr. Goodwin.

H & AC—Fraternity for members of the Heating and Air Conditioning Department. Sponsor—Mr. Taylor.

Iota Tau—Fraternity for members of the Industrial Department. Sponsor—Mr. Lawson.

Sigma Chi Tau — Fraternity for members of the Civil Department. Sponsor—Mr. Myatt.

Gamma Phi Kappa—Fraternity for members of the Gas Fuel Department. Sponsor—Mr. Thomas.

The Technician is the campus newspaper. Sponsor—Mr. Sojourner.

The Technician's Log is the school annual. Sponsor—Mr. Sojourner.

The Baptist Student Union. Sponsor—Mr. Norton.

Tau Epsilon Sigma — Fraternity for members of Electrical Technology - Telephone Option. Sponsor—Mr. Spaeth.

Geechee Club—Social club composed entirely of students from Savannah, Georgia. Sponsor—Mr. Boshier.

### EDITORIALS

(Continued from Page 2)

#### The Library

"WELCOME FRESHMEN" — The STI Library invites you to use the facilities available. The library has a large selection of technical magazines and books for reference. If you cannot find what you want, ask the librarian or attendants, and they will be glad to assist you.

Library hours:

8:00 a.m. to 10:00 p.m. Monday to Thursday  
8:00 a.m. to 6:00 p.m. Friday and Saturday  
2:00 p.m. to 10:00 p.m. Sunday

#### New Ruling On Class Cuts

A student will be allowed 1 (one) cut for a 2 hour subject; 2 (two) cuts for a 3 hour subject; 3 (three) cuts for a 5 or 6 hour subject. The first absences (regardless of the reason) will count as cuts until the allowable cuts have been exhausted. Any unexcused absences beyond the number of allowable cuts results in immediate dismissal from that class. Specifically this means that a student in a class that meets five times a week may be absent three times for any reason without question, but on the fourth absence his instructor shall so notify the Registrar with a drop slip.

To be reinstated the student must present the Registrar with an excuse that meets the requirements for excused absences. Please note that ANY absence beyond the allowable cuts must be excusable.

No cuts are allowed for announced examinations or quizzes.

No cuts are allowed for laboratory sessions.

No cuts are allowed for a student on academic probation.

#### Dean's List

Your name will be placed on the Dean's List for every quarter during which you achieve a 3.00 honor point average on at least 15 credit hours of work if you have no failures for the quarter and have no permanent offenses on your record.

## BURGER RANCH

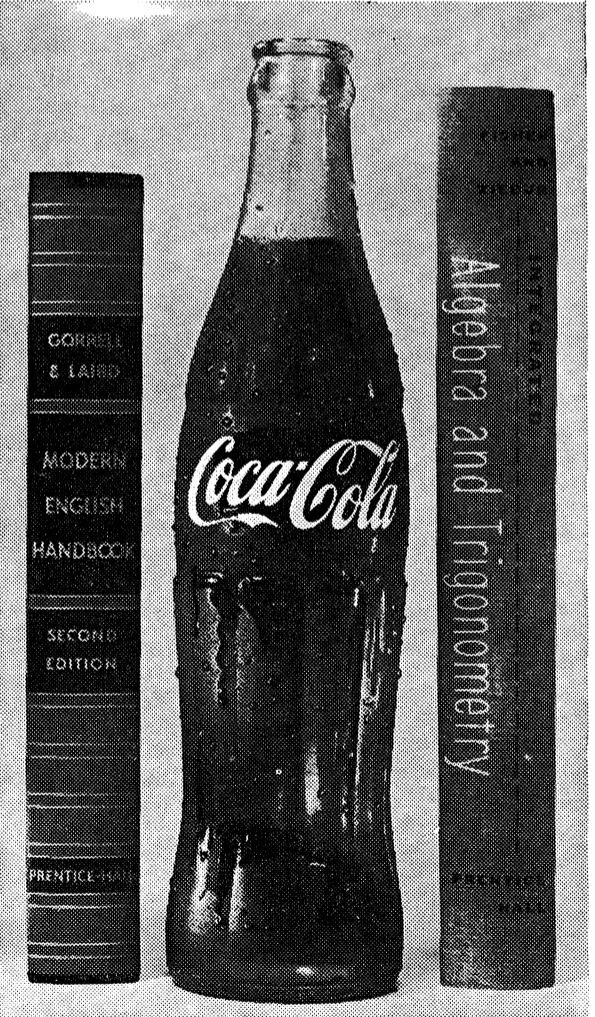
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# Building Construction Rates Softball Champs

The Building Construction Departmental team won the softball championship of the Southern Tech intramural league for 1962 with a record of four wins and one defeat. Gas Fuel, Civil, and Industrial tied for second place with three wins and two losses.

B. C. also defeated the all stars, a team composed of outstanding players from all other teams in the league, in a close game 11-9. The all star team was selected by a vote of the managers of the different teams in the league.

Players making up the all-star team: Francis Hutto, G. F.; James

McNair, G. F.; Aurelio Diaz, Civil; Robert Clements, Civil; Alvin Hazelrigs, Ind.; Jerry Owensby, Civil; Rod Parker, E. T.; Dale Miller, E. T.; Tom Towne, E. T.; Charles Dean, Civil; Ralph Youngblood, Faculty.

*Final League Standings*

Teams	W	L
B. C.	4	1
G. F.	3	2
Civil	3	2
Ind.	3	2
Faculty	1	4
E. T.	1	4

# Trade Journal Publishes Article By J. P. Goodwin

An article written by James P. Goodwin, Jr. was published in a re-



MR. J. P. GOODWIN

cent issue of *Telephony* magazine, a nationwide trade journal of the telephone industry. C. E. Grauer, recipient of the first annual *Telephony* scholarship award for Telephone Technology students at Southern Technical Institute, was the subject of this article.

Mr. Goodwin, head of the Electrical Technology Department at

Southern Tech, collaborated with Robert C. Carter, also of Southern Tech, in compiling the article. Mr. Carter took the pictures — one of which appeared on the cover of the magazine.

The recipient of the second *Telephony* scholarship will be chosen for the fall, 1962, quarter at Southern Tech. The scholarship provides \$500 annually toward fees and books for a student of the Telephone Technology course.

## Epsilon Pi Chi Initiates Six

Epsilon Pi Chi initiated six new members during the spring quarter; Harry Chasin, Bob Fausett, James Plemmons, Julian Scott, Frank Squires and Sonny Walters, and the fraternity had three new pledges for the summer quarter; these were Al Chambliss, Loyd Lancaster and Richard F. Minor.

The organization is dedicated to the promotion of fellowship and good will among its members and to help make the students' stay here at Southern Tech a more pleasant one.

Epsilon Pi Chi, a fraternity composed of students in the Electrical and Electronics Department, is the largest and one of the oldest fraternities on campus.

## Building Directory

Building One Administration Building Offices	
Director McClure,	R. 114
Mrs. Mavity,	R. 114
Placement,	R. 115
Dean Crawford,	R. 110
Treasurer,	R. 108
Registrar Bryant,	R. 104
VA Secretary,	R. 104
Dean Maddox, Math.,	R. 103
Dean Carroll,	R. 102
Counselor Glenn,	R. 101
Conference Room,	R. 112
Visitors' Lounge	R. 106
Building Two Classrooms, Univ. of Georgia Center Offices	
Mr. Defore, Physics,	R. 207
Mr. Hays, English,	R. 215
Mr. Alford, Textile,	R. 217
Mr. Lawson, IET & IM,	R. 208
Mr. Lockhart, Coach,	R. 257
Mr. Sojourner, Technician,	R. 267
Building Three Physics and Chemistry Labs, IET Labs, Library, Dining Hall and Snack Bar, Post Office and Book- store	
Building Four Electronics and Electrical Labs and Classrooms	
Offices	
Mr. Goodwin, EET Options,	R. 414
Building Five Drawing Labs, Architectural Labs, Models Construction Labs, Civil Engineering Technology Labs	
Offices	
Mr. Holladay, Civil,	R. 506
Mr. Muller, Drawing,	R. 559
Mr. Orvold, BC,	R. 561
Building Six Gas Engineering Labs, Refrigeration, Air Conditioning Labs, Main- tenance Shop, General Metals Lab, and Machine Shop	
Offices	
Mr. Arnston, Mech.,	R. 643
Mr. Taylor, AC,	R. 608
Mr. Thomas, Gas Engr. Tech.	R. 611
Mr. Peteet, Physical Plant,	R. 631

## The Hornets of 1962



Front row — Buddy Cook, Joe Shuttlesworth, Alvin Hazelrigs, Jerry Middlebrooks, Jerry Johnson. Back Row — Ned Feagin, Jack Claggett, Charles Dean, Marvin Powers, Doug McAfee, Gene Hudson, Jim Bullard, Lane Griffin, Pete Parreco and Coach Lockhart.

(Photo by Harry Smith)

## Basketball Team Organizes Oct. 8

New students may wonder about the sports program here at Southern Tech, so here are a few notes on the sports program for the fall quarter.

Varsity basketball practice starts on the 8th of October at Larry Bell Gymnasium. There are only four returnees expected, so some of you new students, here is your chance.

Coach Lockhart says that plans are being formed for an intra-mural volleyball league this fall. Clubs should be asking around and getting teams organized.

Let's have a lot of support for our boys like we have had before. If we can't participate, let's at least give them our support.

## Summer Graduates Will Receive Seventy Degrees

Southern Tech will confer 70 degrees upon the 64 students who are graduating at the end of the summer quarter. Six candidates will receive two degrees, and one candidate will receive three degrees. These men will receive two degrees: Samuel Dewey Brown, Industrial and Mechanical; Gerald McNally, Industrial and Mechanical; Carl Mathews, Building Construction and Civil; Francis Clifton

Hutto, Gas Fuel and Heating and Air Conditioning; Davis Aiken Yaun, Gas Fuel and Heating and Air Conditioning; John Rabun Hood, Ind. T. and Ind. Management; Donald Thomas Cooper, Ind. T. & Ind. Management. Joseph Oliver Bailey has the unusual distinction of earning three degrees: Mechanical, Industrial, and Industrial Management.

## Publisher Honors Student

A publisher of nationally circulated industrial books and magazines has honored an outstanding student in Heating and Air Conditioning Technology at Southern Technical Institute. Charles D. Gunter, recent graduate of Southern Tech, was selected by The Industrial Press as an outstanding student in this field.

The selection of Gunter was based upon the recommendations of his departmental instructors at Southern Tech. In addition to the certificate which will cite him as a student of high potential, Gunter will receive a comprehensive handbook of technical data on heating, air conditioning, and ventilating.

## Taylor Attends Control Seminar

L. H. Taylor, Southern Technical Institute professor and professional engineer, attended a seminar given by an industrial concern on electronic controls and air distribution. The seminar which Taylor attended was held in Rockford, Illinois, from June 18 through June 22.

Sponsor for the seminar was the Barber - Colman Company, with headquarters in Rockford.

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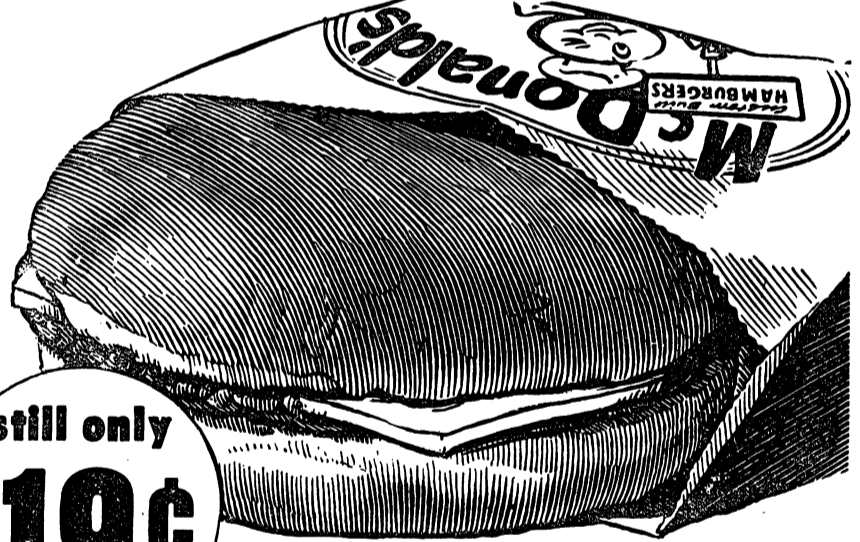
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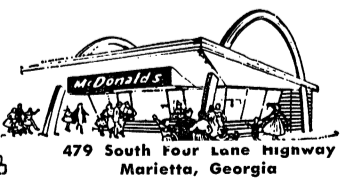
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