

New Campus at Southern Tech

By Marion E. Blair

Southern Technical Institute, now located in Chamblee, Georgia, plans to move to Marietta in September 1961. The new campus, located on Clay Street (just west of Highway 41), will consist of eight new buildings on a 118-acre tract of land. The campus is nearly completed, and it is expected to be finished in time for the fall quarter.

The buildings are one- and two-story, flat-roof structures with brick-and-glass exteriors. Most of the floors will be covered with asphalt or vinyl tile, but the corridors of the Administration Building will have a terrazzo finish. The Administration Building will have a terrazzo finish. The Administration Building and all faculty offices will be air-conditioned; other buildings have been equipped for air conditioning, which will be installed when funds are available. Covered walkways will connect buildings and extend to the entrance to the parking area.

The Administration Building, a one-story structure near the main entrance, will contain the telephone exchange and switchboard and offices for the Director, the Registrar and his staff, the Treasurer, and the Placement Director. Only interior work remains to be done on the Administration Building.

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NEW COLLEGE CAMPUS

Buildings (left to right in rendering by C. R. Orvold): First 3 buildings, Shop Unit number 6 (heating and air conditioning, gas fuel and mechanical); Building Unit number 5 (B. C. and engineering drawing); Unit number 4 Electrical Tech (electronics, power, and telephone); Laboratory Unit number 3 (cafeteria, book store, library, post office, chemistry and physics laboratory); Classroom Building Unit number 2; Administration Building Unit number 1.

Johnson Reviews Progress of College Since Founding, 1948

L. V. Johnson, director of the Engineering Extension Division of Georgia Tech, when interviewed recently concerning the moving of Southern Tech to its new campus at Marietta, stressed the growth Southern Tech has made.

Recalling the opening of the school in 1948, Mr. Johnson said, "On January 2, 1948, a vanguard of five of the Southern Tech faculty and staff opened offices in Building 24 of the Atlanta Naval Air Station and began the job of building a college. They faced the task of converting open barracks into classrooms, laboratories, and offices; hiring a qualified faculty; designing courses; buying equipment; and selecting textbooks—all for a college program practically unknown in the entire South."

"The first quarter opened March 24, 1948, with an enrollment of 116 students, composed of 106 veterans and 10 non-veterans enrolled in seven curricula. The faculty and staff totaled 12," said Mr. Johnson.

"This fall's enrollment of 845 students in eleven curricula, and a faculty and staff of sixty-five is a measure of Southern Tech's advancement to date, but only the beginning," he declared.

Mr. Johnson was the director of Southern Tech from its beginning until July 1, 1959. Southern Tech is a unit of Georgia Tech's Engineering Extension Division.

Recalling the progress of Southern Tech graduates, Mr. Johnson said, "The first graduating class faced an uncertain future. Name companies were hesitant to employ them. The average beginning salary of that first class of 56 was \$250.00 per month. Today, these same graduates report an average monthly salary of \$712.00, with 11 per cent reporting earnings above \$1200.00, and many hold key position in multi-million dollar companies.

Mr. Johnson said that now, thirteen years and 2313 graduates later, the value of the Southern Tech concept of education has been justified. "Yet, even today," he added, "many people misunderstand it. Although Southern Tech trains engineering

technicians in eleven areas, it is not the purpose of Southern Tech to train men in the specific skills of a technical area as needed for today only. Educationally, this would be the wrong way to approach the problem, because it is impossible to predict what skills and know-how in a given technical area will be needed ten years from now.

"To be practical," Mr. Johnson continued, "education today must prepare a man for work that doesn't yet exist and whose nature can't even be imagined. This can be done only by teaching people how to learn, and by giving them a depth of understanding of the fundamentals of the area of study that will enable them to absorb, adapt, and adjust to new conditions and new discoveries as they develop."

Mr. Johnson expressed a belief that promotions of graduates have demonstrated Southern Tech's value. "That Southern Tech has been able to serve its purpose is well shown by the rapid advancement of its graduates in a great variety of job areas and conditions."

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Arnold Speaks Exercise, June

The Honorable R. O. Arnold, chairman of the Board of Regents of the University System of Georgia, will speak at Southern Tech's commencement exercises on June 10. The graduates to whom Mr. Arnold speaks will comprise the sixteenth graduating class of Southern Tech.

Mr. Arnold is a native of Covington, Georgia, and was reared at Hampton, where he graduated from high school. He is a graduate of the University of Georgia, the class of 1908. Mr. Arnold was elected mayor of Athens in 1915, and he resigned in 1917 to enlist in the army. He served for the duration of the war, and was discharged in 1919, having attained the rank of captain.

Then began Mr. Arnold's long and successful career in the textile industry during which he was the chief executive officer of several well-known mills, including Covington Mills and Fulton Mills. In 1939 he became president of the Cotton Manufacturers Association of Georgia. He has served on the board of directors of several outstanding companies.

Mr. Arnold was first appointed to the Board of Regents on January 10, 1949, by Governor Talmadge. He has served as chairman of the board since 1952.

There will be two hundred and sixty-three degrees awarded from Southern Tech and eight from Evening School.

James C. Rhoades of the Mechanical Department has the highest point average of the spring graduates.

The list of graduates that have completed requirements the spring quarter are named alphabetically on another page.

TECHNICIAN WINS FIRST CLASS HONOR RATING OF ACP CRITICS

The Technician has again won national recognition among the student newspapers in its class. For the fourth year in a row, The Technician has received a rating of "First Class" by the Associated Collegiate Press.

Issues from the fall quarter 1960 and the winter quarter 1961 were submitted for judging in the national contest. During the period covered by the judging, editors of The Technician have been Kenneth Walker, Chip Mobley and Willis Brown. Faculty adviser for the student publication is Assistant Professor J. B. Sojourner of the Southern Tech English Department.

As Southern Tech begins her fourteenth year of training technicians, The Technician begins its fourteenth year of publication with Willis Brown as editor for the second consecutive year, beginning with the September issue.

In the first issue, the following faculty members were the original advisers: Mr. G. L. Carroll, chief adviser; Mr. L. Y. Bryant, editorial; Mr. F. J. Johnson (now at Lockheed), activities; and Mr. C. R. Orvold, art adviser. Mr. Muller, Drawing Department, designed the name plate that is used on the front page of The Technician. Under the direction of these advisers, Volume 1, Number 1 of The Technician was published September, 1948.

Since the first publication, The Technician has strived to maintain these objectives: to inform and entertain students and alumni of STI; to present opportunities for self expression in creative writing, art,

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Faculty Member's Promotions Granted by Board of Regents

H. L. McClure Named As The Director of Southern Tech

Eight faculty members of Southern Technical Institute have received promotions to take effect during the coming academic year. The promotions, recommended by Georgia Tech—Southern Tech's parent institution—were recently approved by the Board of Regents of Georgia's University System.

Two of the promotions are administrative. Mr. H. L. McClure, acting director, has been made director of the college. Mr. G. M. Lawson has been promoted to acting head of the Industrial Technology Department. Mr. Lawson has also been promoted from special lecturer to assistant professor.

Six faculty members will rise in academic rank at the beginning of the next college year. Mr. Charles T. Holladay has been promoted from associate professor to professor of civil technology. Mr. Gideon Nahari and Mr. Harry V. Smith, Jr., have been promoted from assistant professor to associate professor of industrial technology and mathematics, respectively. Mr. Myung S. Chun, Mr. Joseph E. Bowles, and Mr. Richard G. Denning have been promoted from instructor to assistant professor of mathematics, civil technology, and drawing, respectively.

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Seminar Hears Lt. Gov. Byrd

The roll of the citizen in his community will be the subject of an address to be made by Lt. Governor Garland T. Byrd on May 25. Byrd will speak on this subject to a college seminar class at Southern Technical Institute in Chamblee, Ga.

Although the seminar is intended primarily for Southern Tech Students, the public is invited. The seminar will be held in the Southern Tech Auditorium at 1:30 p.m.

OUR NEW HOME — THE PROBLEM OF GETTING THERE

We of Southern Tech are delighted that we can soon move to a new campus; however the moving presents many problems that must be solved. In his article Mr. Johnson gave a brief glimpse of the mammoth task for a small staff to start a college "from scratch." The physical aspects of transferring thirteen years' accumulation of equipment, furniture and records twenty miles to entirely new facilities is also quite a task. Decisions such as—what should be taken, what should be junked, what should be repaired, and whether items of equipment will fit properly into the new buildings are currently being made by the faculty. Extensive planning and coordination are necessary if Southern Tech can effect the entire move without interrupting classes or the operation of the school. This problem is further complicated by the fact that completion dates for the new buildings are not firm enough to allow exact scheduling.

Imagine a family who has lived for thirteen years in a roomy old house with a large attic and storage basement. Now imagine this family being confronted with a move to a new modern home with a larger living area but no storage basement and very little attic space. Multiply the problems and complexity of such a move several hundred times and you can gain a concept of what the Southern Tech faculty and staff are facing.

As Mr. Johnson indicated, however, Southern Tech has thrived on adversity and problems. This problem is a challenge that we undertake with pride for it represents the fulfillment of a dream held by every faculty member for thirteen years—a permanent home for Southern Tech.

H. L. McClure

HOW MODERN ARE YOU?

In the 10th century B.C. an extraordinarily wise man, King Solomon, said, "FOR AS A MAN THINKETH IN HIS HEART, SO IS HE."

Since then, millions of men have had fine, worthwhile thoughts even as you and I. Millions of them have carried these thoughts to their death—without ever giving others the benefits of their knowledge—without ever receiving pay or recognition for their almost sacred experiences, that of coming up with a new idea or thought.

In the year 43 B.C. Publius Syrus said, "AS A MAN SPEAKS, SO IS HE." This is true at least in the minds of those who hear him.

In 1961 A.D. big industry says, "POOR COMMUNICATIONS IS OUR BIGGEST PROBLEM." This is confirmed by research and publicized by publications, national in scope, publications created to aid our economy, our industry, our management, and our labor.

In 1962, big business will still be looking for alert, modern men who can bring ideas and problems and their solutions to the minds of those who can act on them, men who can speak effectively.

Thousands of men in business have recognized this weakness in themselves. They have organized 3200 clubs in the USA and 40 foreign countries, for the sole purpose of overcoming this weakness. Each club member receives supplies, services, and continuing counsel from the home office.

This non-profit, non-partisan, non-sectarian educational organization has a chapter on the STI campus (one of the very few campuses to be so fortunate as to be granted a senior chapter.)

Men who want to become a modern part of our dynamic and modern economy through this type of improvement—come to the green room any Wednesday evening at 7:00 o'clock. Be the guest of Toastmasters International—"If you can't beat 'em—join 'em'."

A. L. Steinkamp

Academic Calendar, 1961-62

SUMMER QUARTER, 1961

June 19—Registration.
June 20—Classes begin.
June 21—Late registration fees apply.
June 24—Last day for registration. Last day for adding a subject to study list.
July 22—Last day for dropping a subject from study list without penalty.
July 29—End of deficiency report period.
Sept. 2—End of term.

FALL QUARTER, 1961

Sept. 25—Registration for "new" (beginning) and "old" (returning) students.
Orientation for beginning students.
Sept. 26—Classes begin for returning students.
Orientation continues for beginning students.
Sept. 27—Late registration fees apply.
Classes begin for beginning students.
Oct. 2—Last day for registration. Last day for adding a subject to study list.
Oct. 28—Last day for dropping a subject from study list without penalty.
Nov. 4—End of deficiency report period.
*Nov. 30-Dec. 3—Thanksgiving recess.
Dec. 16—End of term.
*Dec. 17-Jan. 2—Christmas recess.

The Technician

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

THE STAFF

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Alumni Corner

BY MILDRED T. WILSON

DINKLER PLAZA SETTING FOR GREATER ATLANTA CHAPTER'S DINNER AND DANCE JUNE 24

Saturday, June 24, 7:00 p.m., has been selected for the Greater Atlanta Alumni Chapter's next affair at the Dinkler Plaza.

Reservations are now being accepted for this dinner dance. Price for the entire evening is \$5.00 per person. This includes dinner, dancing, tax and tip.

Get your reservations in to Mrs. Wilson, STI placement office, before June 20. Make checks payable to Greater Atlanta Alumni Chapter, STI.

ALUMNI NEWS

'49—Passerby: CHARLES ETHE- RIDGE (Ind) since graduating from STI has received a B.S. degree from Oglethorpe University, Atlanta.

'50—Forgot to mention in the last Technician that I saw Helena and PALMER FERGUSON (BC) when we attended The Music Man. Palmer is co-owner of Ferguson & Rary Construction Company, Atlanta. BILL RARY (BC '54) is his partner.

'51—Another alumnus has been added to our growing list of architects—GERALD T. HEULIT (BC). The State of New Jersey granted him his license in February, 1958. JACK PAIGE (ET), Training Specialist, Lockheed, Marietta, called recently for school catalogs, brochures, salary information, etc. ROBERT D. CAMP (Mech), Assistant Chief Engineer, John D. Hollingsworth Co., Greenville, S. C., writes a note telling how very much he enjoys the Technician.

'52 — WILLIAM D. McNAULL (Mech), Jr. Engineer for Georgia Power Company, Atlanta, Ga., greeted Mr. Johnson (our former Director) recently when Mr. J. went to the opening of the new Georgia Power Building. McNaull escorted Mr. J. over the entire building. Mr. Johnson telephoned to say how very much he enjoyed his tour through the new building and especially since he was escorted by an alumnus of Southern Tech.

'53—WILLIAM D. BAKER (E&C) was elected president of the Moultrie, Ga. Lions Club recently. Baker retired from the electrical contracting business in 1958 . . . he says he is about ready to come out of retirement though because too much fishing is becoming rather "dullish". Baker says he weighs 190 lbs. and every ounce of it is pure lard. Baker, I know you'll kill me. My husband and I will certainly see you and Silene at Jekyll Island in June at the Lions Club State Convention. MILTON E. SMITH, Branch Manager, Square D Company, Richmond, Virginia, says he spent the day with an old roommate of his, C. C. Wood, while visiting in Washington recently. Some of you fellows in Richmond be sure to look Milton up—he never sees any STI alumni. Don't you remember Henry W. Poburka (GF'54)? He resides at 2306 Libbie Avenue, Richmond 30, Virginia. He is a Field Engineer for Bellows Valvair.

'54 — Passerby: JIM SUTHERLAND (MECH), Sales Engineer, Cleveland Tramrail Co., Atlanta. DON AASER (H&AC) writes that he and his wife, Evelyn, always enjoy the Alumni Corner . . . says Betty and DAVE HORNADY (H&AC'56) visited them recently. Don and Dave are both employed by Robertshaw - Fulton Controls Co., Knoxville. WILLIAM E. HOLLAND (E&C) Utilities Supervisor for Owens Corning Fiberglas Co., Huntingdon, Pa., wrote in recently for a school catalog . . . Bill's son will graduate from high school next year. IVAN TATUM (GF) wrote in recently. He is employed as a Chemical Technician for the Tennessee Corp., East Point, Ga. A note

from MARION MANSON (ET) tells me that he and Carolyn now have two boys—Bobby, 4, and Billy, 16 months. Marion is Manager for The Mary Carter Paint Store, Savannah, Ga. MARVIN R. POTTS (Mech) wants to know of other STI alumni in Huntsville, Ala. Marvin, we have numerous alumni in Huntsville . . . you'll be hearing from some of them I know. Fellows, Marvin lives at 2010 Bide A Wee Drive, Huntsville. GORDON BARBEE (E&C), Sr. Engineer for Radiation, Inc., Seattle, Wash., writes a thank-you note for keeping the alumni up to date on items of interest concerning STI. Gordon plans to return to Florida within the next few months.

'55—ROBERT DAWKINS (H&AC), Field Engineer for Sam P. Wallace & Co., Atlanta, telephoned recently. WILLIAM E. GREENWAY (Civil), Highway Project Engineer for the State Highway Department of Georgia wrote recently to offer his help in anyway whatsoever in helping the school. CHARLES T. WAMMACK (E&C), writes from Tacoma, Wash., where he is on a temporary assignment for about five months. Charles says he and his family are seeing a good portion of the U. S. that they had not seen before. CHARLES T. BURDETTE'S (ET) wife-secretary Loette, writes that they got together with the "BUBBER" WOLF (ET'55) family recently. J. ALVIN RAY, JR. (E&C), Technician for the Savannah Electric & Power Co., Savannah, writes that he and WALTER "TED" SHEPPARD (E&C'56) work together — they maintain the substation equipment. DON LAW (GF) writes that he is now teaching school in Emporia, Kansas . . . says their "tribe" keeps increasing—they now have three fine sons—Doug, Mike and Brad. Don says WILEY CAUTHEN (GF'55) has flown up to Kansas a couple of times . . . where is Wiley now? The last we heard—he was a Naval Aviator, U. S. Naval Air Base, Jacksonville, Fla. Don suggest that all the 55-ers write in some info. Don says that even though you can't all correspond with each other, it's interesting to read about you. JIM HENSON (E&C), Electrical Designer for Lyles, Bissett, Carlisle & Wolff, Columbia, S. C., wrote recently for a school catalog. Jim asked about dues—they are \$5.00 per year which entitles you to receive The Technician and the Monthly Newsletter (listing of current job openings). BEN HOLT (E&C), Maintenance Supervisor for Western Union, Macon, Ga., writes that he is still very much interested in his alma mater. Ben says that there have been numerous times since graduation that he has been made proud of Southern Tech. Ben started out for Western Union in 1958 as a Jr. Field Engineer in Boston, Mass., and has since been promoted to Maintenance Supervisor. He will leave shortly for a six-month school at RCA, Camden, N. J. Ben and Shirley now have two children — Sharon, 3½ years and Ben, Jr., 7 months. Ben says he attributes the greater portion of his success to the training he received at STI.

'56—Passersby: BILL NOWELL (BC) and HARRY WILLIAMS (H&AC), were by recently . . . both are looking for employment in the Atlanta area, both have several years of experience now. If you know of a good job telephone Bill at BU 9-4296 and Harry at HI 3-4852. TOM GUY (H&AC), Sales Engineer for Chrysler Air Temp, Miami, Florida, writes that Miami is too fast for a country boy. In service: LAWRENCE FARRAHAR (E&C).



MR. McCLURE STRESSES IMPORTANCE OF THE ALUMNI SURVEY FORMS

Southern Tech needs your help! Some of you have failed to return your ANNUAL ALUMNI SURVEY FORMS. The Engineers' Council for Professional Development will visit Southern Tech next spring. Adequate placement records are a basic requirement of the inspection team and are mandatory for full accreditation. If you have misplaced or lost your survey form, please let Mrs. Wilson know and she will be glad to forward you another.

H. L. McClure

HARTLEY RUSS ARNOLD (Mech) Plant Operator for Bowaters-Carolina Corp., Rock Hill, S. C., wants Ray King to know that they now have two girls, Renee and Tanya. Ray, write Russ a note—plez. Russ, Thanks for sending us the names of some prospective employers in the pulp mill industry. ROGER "POGO" STEPHENS (Mech) Cost Estimator for Jervis Webb, Atlanta, also sends us the name of a prospective employer (steel industry) in the Savannah area. Your interest is very much appreciated, "Pogo". Born to: BERNARD A. FLATLEY (E&C), Manufacturing Supervisor for Melpar, Inc., Alexandria, Va., a son, James Edward in October. They also have a son 3 years old. Flatley was by to see me recently. EMIL J. LENZI, JR. (H&AC), Draftsman for Ballou & Justice, Architects & Engineers, Richmond, Va. Emil has always been interested in the engineering design phase of the heating and air conditioning field and has remained very closely to this field since leaving STI. He has also taken five semesters of night-school work and has now completed Part I of the Virginia State Board Exam for Professional Engineers and will take Part II of the three-part exam this month. Emil feels that he made the right decision, even though it was a hard one for him to make because there were more lucrative jobs to be had when he graduated. Emil, I'm very proud of you—be sure to let me know when you receive your license. JERRY R. KIRK (BC) Construction Engineer for Batson-Cook Co., West Point, Ga., writes that he is in Atlanta for an indefinite period. They are building the new Peachtree Towers Apartments at the corner of Peachtree and Baker Streets, a twenty-three story building. J. MARIO MESA (Ind), is now the Resident Technical Manager in Colombia, S. A., of the Field Technical Service Staff of Arrow International of the Western Hemisphere. This month he will also take charge of the Technical and Quality Departments of Arrow's Venezuelan plant and later in the year, the Peruvian plant; both plants will be under supervision of Mesa, in addition to his present job. Mesa married Janis Clevenger of Chamblee and they now have a daughter, Millie Gail, who is two years old. Janis loves living in South America. Let me hear from you often. GEORGE WARD (Mech) Project Development Technician, Southwire Co., Carrollton, Ga., writes an apology for not getting his alumni dues in sooner. Better late than never, George. DON GROVES (E&C), Engineer for Consolidated Telephone Co., Moultrie, Ga., writes that they have bought a nice new home in the very nice town of Moultrie . . . says that he and Barbara love their new location. Don, sorry you didn't get to see me on your last trip . . . try to make it next time. HAL A. SMITH

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Leading Magazines Publish Articles By Professor Hays

Professor Robert Hays, Professor of English at Southern Tech, has had over 50 articles published in leading magazines and booklets. His articles have included information about electronics, gas fuel, textile and improvements for English.

His latest publication is found in the April 1961 edition of *The Research Engineer*. This article bears the title of "Machine Translation" and deals with machines that can translate one language to another in a manner of seconds.

Professor Hays has three additional articles that have been accepted for publication in the near future. They are written on the subjects of gas fuel, small libraries and Southern Tech and will appear in forthcoming issue of national magazines.

PROGRESS STI

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Next September, Southern Tech will move to a completely new and permanent home, into eight buildings, having an area of 165,000 square feet, now being built on a 120-acre campus at Marietta, Georgia.

Looking toward the future Mr. Johnson stated, "This new home is the result of the 'coming of age' so to speak, of the Southern Tech concept of higher education, resulting from the hard work of a dedicated faculty and staff, the continual and ready support of Georgia Tech, the Board of Regents, the Associated Industries of Georgia, and the major contributions Southern Tech has made and will continue to make to the economy of our state, region, and country."

The new campus will make it possible for Southern Tech to grow rapidly in programs, facilities, and service. Mr. Johnson said that, "With wise administrative policies and guidance and a devoted faculty, student body, and alumni, the future of Southern Tech is almost unlimited."

Naval Reserve Offers Opportunities To STI Students

The Naval Reserve units located on the campus of Georgia Tech offer both veterans and non-veterans opportunities for study, travel, and a partial fulfillment of their military obligation while attending STI, said Mr. Richard Denning, who is an officer in Surface Division 6-I.

The units meet one night a week or one weekend per month. A variety of specialties are trained among the various units. Those of particular interest to STI students are: Electronics, Communications, Electricians, Sonarman, Surveyors, Builders (both wooden and steel), and Heavy Equipment Operation. Submarine training is available for men who have had no prior service.

Reserve members receive a full day's pay for each meeting (approx. 3 hours) and are required to perform 14 days active duty each year. This may be either aboard ship or in a naval training school. Usually students can arrange the 14 day period between the spring and summer quarters, and actually do have a "vacation with pay." If desired, 28-day programs are offered at times which allow a Reserve to travel to foreign ports.

Although retirement is a remote thought for most STI students at present, Reserve members with 20 or more years service can draw retirement pay at age 62.

For complete details concerning the Naval Reserve Program, students should contact the Navy and Marine Corps Reserve Training Center at 274 5th Street, N. W., TR. 5-0391.

Tektronix Man Speaks to IRE

By Charles H. Kinsey

On April 27, the District Manager of Tektronix, Inc., Mr. C. L. Bouffiu, demonstrated to the Student Branch of the IRE one of the 15 basic oscilloscopes manufactured by the company in Oregon. The model demonstrated was one of the basic pulse oscilloscopes, used in many industries for the investigation of high-speed short-time pulse phenomena.

He explained the basic differences between a pulse oscilloscope and one which is capable of showing only steady-state recurrent phenomena. One major difference, Mr. Bouffiu explained, is that the pulse oscilloscope has a triggered or non-recurrent horizontal sweep; i.e., the horizontal sweep does not sweep continuously across the face of the tube, but is retrigged by each individual cycle or pulse of the signal being investigated.

In addition, he pointed out many other features of the Tektronix oscilloscopes, some of which are exclusive with Tektronix, and emphasized some of the unique measurement techniques possible with these oscilloscopes.

At the close of the demonstration, Mr. Bouffiu removed the side panels of the oscilloscope and invited student members and visitors to get a closer look at the appearance and construction of the oscilloscope. He also distributed some literature listing characteristics and applications of many of the models available.

NEW CAMPUS STI

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CLASSROOM BUILDING

Located next to the Administration Building is the classroom building. It will be used by the Mathematics, Physics, English, Industrial, and Textile Departments. Departmental offices will be located on the first floor on the front side of the building; offices for faculty members teaching in these department will be located on the second floor above departmental offices. The back side of the building (both floors) will contain more than twenty classrooms. This building is almost completed.

The Student Services Building is located next to the Classroom Building. The first floor will house the library, post office, dining area, and bookstore. The second story will contain rooms for physics, chemistry and industrial laboratories. This building is completed except for interior finishing and painting.

ELECTRICAL BUILDING

The Electrical Building will contain all classrooms, laboratories, and faculty offices for the Electrical Department. The construction of this building is the least complete of all the buildings on the campus, but it will be finished in time for use when classes begin.

On the hillside below the Electrical Building is the Drawing Building. It will contain classrooms, laboratories, drafting rooms, and faculty offices for the drawing, Civil, and Building Construction Departments. The exterior is almost finished, and the area is partially graded. The interior finish work has been begun.

GROUP OF THREE BUILDINGS

Two of the three remaining buildings, a group of one-story structures, will be occupied by the Mechanical, Heating and Air Conditioning, and Gas Fuel Departments. They will have faculty offices, shops, laboratories, and classrooms, but some of the departmental classes may be held in the Classroom Building. The other building will be occupied by the campus maintenance department. These buildings are practically completed, and the lawns have been graded and are ready for landscaping.



Photo by Harry Smith

Seated: Cook, Everette E.; Chastain, Michael A.; Dean Maddox. Standing: Lane, Ronald H.; Kirkland, Gaines K.; Thibodeaux, Paul T.; Elrod, Charles B.; Matthews, John P.; Carter, Edwin R.; Pirkle, Prince; Bishop, Barry; Law, Lionel B.; Cobb, David H.; and Pacetti, Marion E.

STUDENT COUNCIL OFFICERS ELECTED FOR NEXT QUARTER

The Student Council for this quarter has been chosen and the new officers have been elected.

Those elected to office are Michael A. Chastain, Textile president; John P. Mathews, Gas Fuel, vice president; and Everette E. Cook, Mechanical, secretary.

Michael Chastain, 24 years old, was born in Canton, Georgia, and graduated from Canton High School in 1955. At Canton he lettered in football and track and was captain of the football team in 1954.

In 1955, he joined the Air Force and worked four years as a radar operator.

He entered Southern Tech in January 1960 in the textile department and plans to graduate in December 1961.

John P. Mathews, 24 years old, hails from Charleston, West Virginia. He graduated from high school in 1954 and attended the University of Virginia. Mathews is a member of the senior class in Gas Fuel. He is married and lives in the Tech-Lawson Apartments.

Everette E. Cook, 19 years old, was born in Columbus, Georgia, and graduated from Columbus High School in 1960. In 1959 and 60 he was chosen "Boy-of-the-Year" at South Columbus Boys Club.

The streets and parking areas are yet to be paved. Faculty parking areas will be near the buildings; the student parking area will be located on the east side of the buildings and will be large enough to eliminate the crowded parking situation that exists on the present campus.

Circle K Awarded Honor Certificate Good Citizenship

Circle K International at STI has been awarded an Honor Certificate by the Freedoms Foundation at Valley Forge for its work on behalf of good citizenship, it was announced by Charles W. Enfinger, president of Circle K.

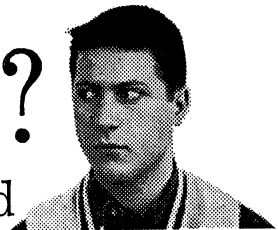
Specifically, Circle K's work in promoting the Citizenship Quotient program on behalf of individual citizenship responsibility was singled out for praise by Freedoms Foundation. A Freedoms Foundation award enjoys the same prestige and significance in the community service field that the famed "Oscar" does in the motion picture industry, and the "Emmy" in T. V.

Though Circle K International is a relatively new organization—now in its sixth year—it already numbers more than six thousand members on about three hundred college campuses in the United States and Canada.

Circle K is a service club on the campus whose members voluntarily assume leadership responsibilities in their respective colleges and host communities.

Exams?

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Hornets Upset Middle Ga. College

The Southern Tech baseball team traveled to Cochran, Georgia, for the last road trip of the season and handed the Middle Georgia College Wolverines their second home loss in two years, 4-2. Gerald Clark on the mound for Tech was very effective as he gave up only six hits and two runs in the game.

Tech scored two runs in the second inning on a walk to Clark, a sacrifice and a run scoring single by first baseman Herman Bentley. Middle Georgia took a 2-1 lead by scoring single runs in the 5th and 7th innings. Tech tied the game with a run in the 8th inning and then scored two more in the 9th on singles by Luther Beck, Bob Williams and a long three base hit by Gaines Kirkland.

JUNIOR COLLEGE GOLF TEAM TOURNAMENT

Southern Tech Honors
Win Kirk won Championship
Flight Consolation
Hub Boggus won First Flight
Championship
Ric Celedon won Runner-Up in
First Flight Consolation
TEAM PLACED FOURTH
Winning Team—Gordon Military
Bob Myatt—Coach

Kirkland had three hits for the day and Beck and Williams had two each to account for seven of the ten hits by the Hornets.

Tech Box Scores			
	AB	R	H
Beck	3	1	2
R. Williams	4	0	1
Kirkland	4	0	1
B. Williams	5	0	2
Lindsey	4	1	1
Clark	3	1	0
DeWeese	2	0	0
Cook	4	0	0
Bentley	4	0	1
Totals	33	4	10



Photo by Harry Smith

Members Tennis Team—Willis Brown, Ed Carter, Bob Moss, Terry Hice, Costas Pangiotov, Bob Carter.

STI TENNIS TEAM DOWNED BY GORDON MILITARY SQUAD

The 1961 Southern Tech racket squad has participated in the Junior College State Meet in Barnesville on May 13-14, and played a seasonal match against the Gordon Military College of Barnesville on May 8.

Although the team didn't walk off with all the trophies and medals at the state meet, there was experience to be gained by those who participated.

In the match with Gordon Military,

STI was brushed by a 4-3 victory claimed by Gordon. Tech took both doubles matches played, but only one of the singles matches.

Members composing this year's tennis team are Ed Carter, Willis Brown, Bob Carter, Costas Pangiotov, Bob Moss, and Terry Hice.

Mr. Harry Smith, the coach, is looking forward to next year's matches as he will have ample time for training those who participated.

SPRING QUARTER CANDIDATES FOR GRADUATION, JUNE 10

Alley, Richard—GF
Bailey, Kenneth R.—Civil
Baldwin, Pierce B.—Civil
Beck, Louis R.—Ind.
Beck, Luther H.—Civil
Beecham, Harry A.—BC
Beeland, Robert C.—BC
Brooks, George P.—Mech.
Butler, Harry W.—ET (PO)
Callaway, Frank T.—BC
Cape, James A.—BC
Carter, Edwin R., Jr.—BC & CIVIL
Carter, Robert C.—BC & CIVIL
Casey, Kenneth F.—Mech
Cooper, Teddy E.—BC & CIVIL
Cowan, Michael H.—Ond.
Crowley, William D.—Mech.
Dodd, James M.—Mech.
Dupree, Isaiah H.—BC
Edwards, Richard L.—ET (FO)
Forsyth, Donald H.—ET (EO)
Goolsby, John N.—ET (EO)
Green, Malcolm B.—ET (EO)
Harrell, James H.—H&AC
Hicks, Wayne B.—BC
Hicks, William A.—ET (EC)
Holt, Robert C.—ET
Holton, Warren B.—Civil
Ivey, James A.—ET (EO)
Jenkins, Robert F.—Text
Johnson, William L.—Civil
Jordan, Alvin E.—ET (EO)
Kicklighter, Thomas—Civil
Kidwell, Ronald C.—ET (EO)
Kinsev, Charles H.—ET (EO)
Kinsey, Charles H.—ET (EO)
Lee, Henry W.—Civil
Lemon, Milton R.—Civil
Lingo, Yvonne—Text
Long, William H.—ET (EO)
Lundy, William H.—Civil
Lyons, George J.—Civil
McWhorter, Berry R.—Civil
McWhorter, Jerry R.—Civil
Martin, John A.—Mech
Mayo, Peter R.—Ind
Minor, John R.—H&AC
Moss, Robert L.—Civil
Nelson, Stephen J.—Civil

Owen, Charles L.—H&AC
Parks, George D.—ET (EO)
Pearce, James L.—H&AC & GF
Pirkle, Princeton P.—Civil
Poole, William R.—Civil
Potter, Orrin T.—BC
Puckett, Jerrell L.—Mech & I
Rauschenberg, William—Mech
Reddish, Horace D.—H&AC
Rhoades, James C.—Mech
Ruff, Charles J.—Civil
Sawyer, Fred B.—ET (PO)
Schwiening, Ben A.—Mech
Shaw, Edgar D.—Civil
Smith, William S.—Mech
Tankersley, Douglas—BC
Trimble, Michael—Ind. MO
Walker, David W.—ET (EO)
Young, Charles B.—Civil
Williams, Hansel T.—Mech

Catalogues Ready For Distribution

Southern Tech's 1961-62 catalogue and bulletin will be ready for distribution by June 1, registrar L. Y. Bryant reports. He states that the catalogue has been completely rewritten and includes new pictures and larger type than the previous one. The new book will feature the campus and school plant in Marietta and will also have a unique design on the front cover.

There will be a few changes in the curricula, especially in the Gas Fuel and Heating and Air Conditioning courses. A number of routine changes, as in the calendar, staff, faculty, ranking, etc., have been made.

The new catalogue is being achieved through the joint efforts of Southern Tech authorities and the Department of Publications at Georgia Tech, which is headed by Mr. Bob Wallace.

Southern Tech Places Third In State Track Meet At Douglas

The STI cindermen led by Lionel Law and Joe Shuttlesworth who were evenly high men in individual points, placed third in the Georgia Junior College Athletic Association state meet at Douglas on April 29. Thirteen men represented Southern Tech with several of these placing in their team's events and Law received the only first place title by throwing the javelin one hundred sixty-one feet and seven inches. Shuttlesworth placed second and third respectively in the 220 low hurdles and 120 high hurdles.

The first place in the meet went to Abraham Baldwin Agriculture College in Tifton, and second place was taken by South Georgia College of Douglas. There were junior colleges represented from throughout the state.

Other members of the team and their places in their events are as follows:

Mile—Powers 3rd, Monroe 4th.
440—Holton 4th.
880—Callaway 4th.
Mile Relay — Powers, Jordan, Lane, Holton 4th.
2 mile—Callaway 3rd.
Pole Vault—Maloney 2nd.
Shot Put—Dooley 4th.
Discus—Dooley 4th.
Javelin—Godwin 4th.

The following men earned track letters this year: Redd, Lamar; Dooley, Doug; Shuttlesworth, Joe; Lane, Ronnie; Sams, Marion; Powers, Marvin; Godwin, Robert; Callaway, Herold; Holton, Benny; Monroe, Ronnie; Law, Lionel, and Maloney, James. Joe Shuttlesworth, was elected by his team mates as honorary captain for the year.

NEWS OF THE ALUMNI

(Continued from Page 2)

(Mech) was on campus recently to interview June graduates for West Point Foundry & Machine Co., West Point, Ga. Hal has been with this company since he graduated and is doing exceptionally well. L. P. "SLIM" GREER (H&AC), Sales Engineer for Atlas Supply Co., Atlanta, was also on campus last week to interview students for employment with his company. "Slim" and his wife have bought a new home in Austell. I saw WILLIAM J. GREGG (CIVIL), Supt. for Hewitt Contracting Co., Columbus, Ga., at a local restaurant recently and his company is looking for another Civil graduate. Gregg has gone right on up with this company. RICHARD B. JENKINS (BC), Architectural Supt. for Tomberlin-Sheetz and ROBERT STANFORD (BC) were by recently. Richard is going into the Service soon. IRVIN N. MADDEN (Mech), Staff Assistant for Sandia Corp., Albuquerque, N. Mex., announces the birth of their son, Neal Charles Madden... after eight years of marriage. Irvin, I'm sorry I missed seeing you when you were by Christmas. A note of apology from G. W. WIGGINS (E&C), Associate Engineer, Radiation, Inc., Melbourne, Fla., for not getting his dues in sooner. George says his job consists mainly of writing calibration procedures for electronic test instruments. A note from VICTOR P. ALOISIO (BC), Engineer for Aetna Casualty & Surety Co., reports that he and Phyllis have another child, a daughter, born last June. They have also bought a new home. Vic, you failed to give me your new address. TYLER SEYMOUR (H&AC), Lab Technician, Westinghouse Elec. Corp., Staunton, Va., announces they have added another boy to their family. They now have two boys and one girl. He still likes his work with Westinghouse. Tyler assures me that the Valley is now beautiful and says I should see it without all of the snow (the last time I was through there, everything was knee-deep in snow). Be sure to come by when you are down in August. He is working on a compressor gas cycle stand for STI's Heating & Air Conditioning Department. Thanks "muchly" Tyler. JIM STYER (H&AC), Draftsman for Delta Air Lines, Atlanta, writes that they now have two children.

'58—DON JANES (Mech), Sales Engineer for Welders Supply Co., Division of Linde Products, Erie, Pa., sends a card from Ormond Beach, Fla., where he and Daisy are vacationing. Sorry you can't come by to stay at least one night with us—maybe next time. Don says his job gets more interesting all the time. BOBBY KERLIN (Mech), Mechanical Technologist for Georgia State Highway Department, was by for a short visit recently. In service: JERRY E. HAGOOD (Mech). GLENN S. SMITH (E&C) writes that he enjoys his job as Electronic Technician with Federal Aviation

Agency very much. RALPH H. WILLIAMS (E&C), Instrument Technician with Great Lakes Carbon Co., Morganton, N. C., writes for several STI catalogs so that he can publicize South Tech among the youth groups in his church and community. WILLIAM G. ALLNOCH (E&C) has been serving in the Army for about three months now. He is in the National Guard in Baxley... will be getting his six-month active duty period at Ft. Jackson, S. C. He will go back to his job as Engineer at WCQS Radio Station in Alma, Ga., when discharged. I'll be looking for you by to see me in July, Allnoch. Wedding bells rang for JOEL L. REECE (E&C), Cable Design Engineer, Superior Cable Corp., Hickory, N. C., on April 9.

CLASS OF '60

'60—PAT STACY (E&C), writes from Thule, Greenland, and sends a bunch of postal cards of scenes from "the top of the world." Stacy says living conditions are good there. He is with RCA's BMEWS Project there. In March they had about 20 hours of daylight and about 4 hours of twilight; now they have 24 hours of daylight. I believe Stacy is really enjoying his life in Greenland. Let me hear more, Stacy. JAN RODGERS (E&C) another Vitro-ite, Naples, Fla., writes that he is in telemetry work with a swell bunch of fellows, including two March STI alumni. Jan says that CAREY REGISTER (E&C'55) is his boss; he visited their site recently—Carey is stationed at Ft. Walton Beach.

'61—GERALD T. DICKERSON (Mech) is now employed by Pratt-Whitney, West Palm Beach, Fla. L. T. GOGGANS (BC) wrote Mr. Orvold recently that he is on a job that requires long hours and hard work but that he loves every minute of it... says the construction field is a fascinating business. He finds that STI did an excellent job in preparing him for his present job as Construction Foreman with A. B. Newton Construction Co., Lebanon, Ky. His brother, J. T. GOGGANS (BC'55) is their General Supt. The company is building a low-rent housing project for the City of Lebanon which consists of a 60-unit duplex project. THOMAS J. ELLIOTT (BC-CIVIL) writes that he likes his job as an Estimator trainee for Slapp Construction Co., Orlando, Fla.

NOTE: Please return your ALUMNI SALARY SURVEY forms IMMEDIATELY.

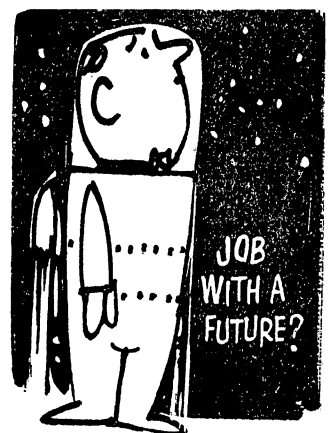
TECHNICIAN WINS

(Continued from Page 1)
and philosophy; to build and maintain school spirit and morale; to keep industrialist nations informed of STI's work, progress, and graduates; to advertise Southern Tech to the public; and to help high school graduates select Southern Tech as their school of higher learning.



Lester Sheppard

Provident Mutual Representative For STI Students



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THREE SOUTHERN TECHSTERS APPEAR ON PANEL OF TTMA

Three staff members of Southern Technical Institute recently appeared on a panel program sponsored by the Tufted Textile Manufacturers Association. The TTMA panel, held on May 16 in association headquarters in Dalton, Georgia, featured the following from Southern Tech: Mr. H. L. McClure, Acting Director; Mr. J. I. Alford, Head of the Textile Technology Department; and Mrs. Mildred T. Wilson, Placement Director.

Moderator of the panel was James Gribben III, assistant to the executive of TTMA. Gribben's panel concerned the use of technical personnel in the textile industry, especially in tufted textile manufac-

turing. The audience included members of the TTMA Personnel Club and other executives from the textile industry.

Mr. McClure explained the mission of Southern Tech as a primary educational center for technicians in the South. Mr. Alford, until recently superintendent of Covington Mills, showed how textile personnel executives could fit trained personnel to their jobs. Mrs. Wilson summarized salaries paid Southern Tech graduates in other industries.

Prior to the meeting the Southern Tech representatives were taken on a tour of Cabin Crafts, Inc., and Belcraft Chenilles, Inc., both of which concerns employ Southern Tech graduates in Dalton.



Director H. L. McClure extends his appreciation of services to Professor Joseph E. Lockwood, Mr. Edward L. Reese and Mr. Harold R. Nurse upon retiring.—Photo by Harry Smith

the Southern Tech faculty when the college was established in 1948, and has served with the Mechanical Technology Department since that time. He is known to his colleagues and former students as "Uncle Joe." He has served on the Administrative Council which is Southern Tech's advisory body to the Director, and on the Student Activities Committee. He came to Southern Tech after retirement from the Atlanta School System.

Mr. Harold Nurse became affiliated with the college in 1954. He has taught Building Construction, Civil, and Drawing subjects. Prior to coming to Southern Tech he was for many years active in the construction industry.

Mr. Reese joined the staff in 1956; he has taught surveying and other Civil subjects. He is a registered land surveyor in Georgia.

Special guests at the testimonial dinner will include Mr. L. V. Johnson, Director of the Engineering Extension Division of Georgia Tech. Mr. W. L. Thomas, head of the Southern Tech Gas Fuel Department, is to be master of ceremonies.

Arrangements for the affair are being planned by a committee composed of J. J. Defore, C. M. Lambert, W. O. Spaeth, and J. E. Bowles.

Civil Department Acquires Equipment

BY H. A. TROEMEL

The Civil Department during the past year has added some new equipment. In Civil 214, Materials Testing, a new portable testing machine which is capable of handling a load up to 250,000 pounds is now being used by the students to test the concrete specimens which they designed and mixed. Although this machine is called portable it takes four men to move it.

For Civil 251, Photogrammetry, there was added at the beginning of the winter quarter a new darkroom, and the class now develops and prints the photographs used in that subject. The largest single item in the new darkroom both in size and cost is the Salzman enlarger, which is about eight feet high and cost \$4,500 new.

"The rest of the Civil Department has not obtained any new major items during the past year, but the department is looking forward to the wonderful labs and classrooms which the new school will bring next year," said Professor C. T. Holladay.

"Words From The Weasel's Den"

ZOT: "I don't suppose there's nothing a great scientist like you can't solve, Zuckerman."

ZUCKERMAN: "Well, I don't know. Right now I can't figure out why this match won't light. . . . It worked just a minute ago."

* * *

RAISIN—A worried grape.

* * *

JOHN CHRISTENSEN: "Sure I've got a small car. It gets forty miles to the gallon and runs on fumes in heavy traffic."

* * *

SNOW—Rain a la Mode.

* * *

Most of us are quick to recognize a good thing just as soon as the other fellow sees it.

* * *

DAFFODIL: A crazy mixed up pickle.

INFORMATION: The way air-force planes fly.

MARTINI: Small spacemen from Mars.

CONSCIENCE: That which makes you worry about what it couldn't stop you from doing.

FRANKFURTER: Hamburger in leotards.

DRIVE CAREFULLY . . . IT COULD HAPPEN TO YOU.

Gas Fuel Exhibit Displayed Chicago

Each year the Liquefied Petroleum Gas Association invites the Gas Fuel Technology Department to build and display a technical exhibit at their annual convention and trade show in Chicago.

This year the students of the department built a hydraulic exhibit which attracted a great deal of interest in Chicago; in fact, several companies asked for the prints of this so that they could build a similar one to show in various parts of the country.

Students Rosair Fortin, Joe Gamewell, Jim Pearce, Dennis Schroyer, and Julian Timmons accompanied Mr. W. L. Thomas to Chicago for the five-day trip. Several of the students visited the Institute of Gas Technology, which is a unit of Illinois Institute of Technology, and were interviewed for jobs. A number of the students also interviewed private companies who are interested in hiring graduates of Gas Fuel Technology.

The students were invited to the various functions of the conventions, and they were entertained by manufacturer's representatives.

Schaeffer Given Surveying Award

Mr. Larry Schaeffer has been selected as the recipient of the 1960-61 surveying award. This award is given annually by the Georgia Association of Registered Land Surveyors to the outstanding student in survey at Southern Tech, and is delivered at the commencement exercises.

The award is composed of a certificate of proficiency and a check in the amount of \$50. Mr. Schaeffer is the only graduating senior with grades of "A" in all surveying courses and photogrammetry.

FACULTY MEMBERS

(Continued from Page 1)

Mr. McClure, who will assume the title of director, has been acting director of the Chamblee college for the past year and a half. Prior to becoming head of Southern Tech, he served as head of the Industrial Technology Department.

Southern Tech, a unit of Georgia Tech's Engineering Extension Division, is planning to move to a new campus in Marietta, Georgia, as soon as the campus is completed. The college offers Associate in Science degrees in eleven technical fields.

THREE MEMBERS OF STI FACULTY WILL RETIRE

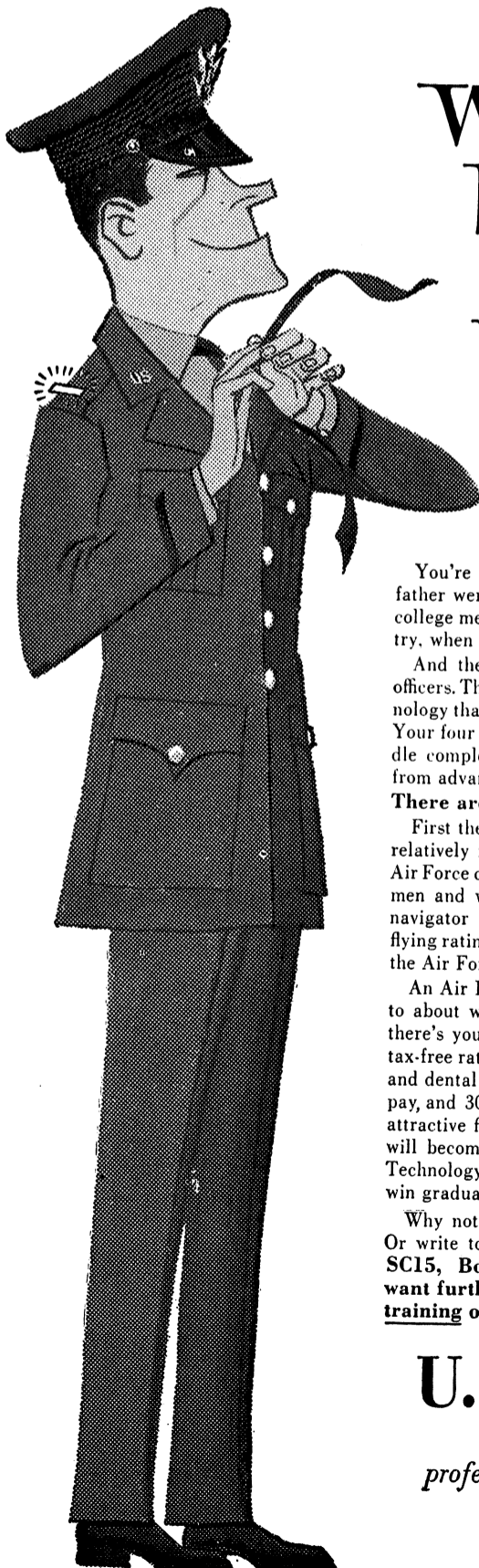
Faculty Entertains Lockwood, Reese, Nurse At Testimonial Dinner

Three Southern Technical Institute faculty members will retire at the end of the current academic year. These men are Prof. Joseph E. Lockwood (Mechanical), Mr. Harold R. Nurse (Building Construction) and Mr. Edward L. Reese (Civil).

These men will be entertained at

a testimonial dinner given in their honor by the faculty on Saturday evening, May 20. The dinner will be held at Yohannan's Restaurant, Lenox Square, at 8 p.m.; the retiring men and their wives will be the guests of the faculty at Yohannan's.

Prof. Joseph E. Lockwood joined



Why the blue suit with the gold bars?

You're needed... just as your father and grandfather were. It's an obligation that a lot of qualified college men have to meet... that of serving your country, when and where you are needed.

And the Air Force needs college-trained men as officers. This is caused by the rapidly expanding technology that goes with hypersonic air and space flight. Your four years of college have equipped you to handle complex jobs. You have the potential to profit from advanced training... then put it to work.

There are several ways to become an officer.

First there is Air Force ROTC. Another program, relatively new, is Officer Training School. Here the Air Force commissions certain college graduates, both men and women, after three months' training. The navigator training program enables you to win a flying rating and a commission. And, of course, there's the Air Force Academy.

An Air Force officer's starting salary averages out to about what you could expect as a civilian. First there's your base pay. Then add on such things as tax-free rations and quarters allowances, free medical and dental care, retirement provision, perhaps flight pay, and 30 days' vacation per year. It comes to an attractive figure. One thing more. As an officer, you will become eligible for the Air Force Institute of Technology. While on active duty many officers will win graduate degrees at Air Force expense.

Why not contact your local Air Force Recruiter. Or write to **Officer Career Information, Dept. SC15, Box 7608, Washington 4, D.C.**, if you want further information about the navigator training or Officer Training School programs.

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Tentative Schedule of Classes, Night School Technical-Institute Courses, Summer 1961

CIVIL TECHNOLOGY:

Civil 8. 212 Structural Drafting (required for Building Construction students)	7:30-10:30 MW	Southern Tech
Civil T. 214 Materials Testing (required for Building Construction students)	7:30- 8:30 F	Southern Tech
Civil T. 214 Laboratory	8:30-11:30 F	Southern Tech
Civil T. 241 Hydraulics	6:00- 7:30 MWF	

ELECTRICAL TECHNOLOGY:

Elrec. T. 266 Television Technology	7:30- 9:00 MW	
Elec. T. 266 Laboratory	7:30-10:30 F	
Elec. T. 275 Electric-Power Distributon	6:00- 7:30 MWF	
Elec. T. 276 Electric Control Systems	7:30- 8:30 MW	
Elec. T. 276 Laboratory	7:30-10:30 F	

INDUSTRIAL TECHNOLOGY:

Ind. T. 151 Industrial Safety (required also for Management Option and for Mechanical Technology)	6:00- 7:30 MW	
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MECHANICAL TECHNOLOGY:

Mech. T. 111 Tools and Methods (required also for both Indus. Technology options)	7:30- 9:00 MWF	
Mech. T. 224 Welding	6:30- 9:30 MW	Southern Tech

TECHNICAL DRAWING:

T. Drawing 111 Technical Drawing I	7:30-10:30 MW	
T. Drawing 112 Technical Drawing II (required for Mechanical Technology and both Industrial Technology options)	7:30-10:30 MW	
T. Drawing 221 Machine Sketching (required in Mechanical Technology and both Industrial Technology options)	7:30-10:30 MW	
T. Drawing 222 Machine Drawing (required for Mechanical Technology)	7:30-10:30 MW	
T. Drawing 231 Electrical Drawing (required for Elec. T. Power Option)	7:30-10:30 MW	

TECHNICAL ENGLISH:

T. English 111 Composition & Rhetoric	6:00- 7:30 MW	
T. English 221 Public Speaking	6:00- 7:30 MW	
T. English 231 Technical Writing	7:30- 9:00 MW	

TECHNICAL MATHEMATICS:

T. Math. 113 Applied Mathematics (required for all Electrical Technology students)	6:00- 7:30 MW	
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TECHNICAL PHYSICS:

T. Physics 121 Mechanics	6:30- 7:30 MWF	
T. Physics 121 Laboratory	7:30-10:30 MWF	
T. Physics 122 Electricity	6:00- 7:30 F	
T. Physics 122 Laboratory	7:30-10:30 MWF	

ADULT EDUCATION:

M. E. 50-M. E. 54 Welding	6:30- 9:30 MW	
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T. Marvin Sullivan

Sullivan Receives National Science Foundation Grant

T. Marvin Sullivan, assistant professor of heating and air conditioning technology at Southern Tech, has been selected to receive a national science foundation grant. Sullivan will study mathematics and electronics at the University of Houston during the summer.

Prior to his entering the teaching profession, Mr. Sullivan was a partner in the commercial refrigeration and air conditioning business. He was also employed by Rich's Inc.

An alumnus of the University of Georgia, Mr. Sullivan has a Bachelor's degree in science with a major in Mathematics and a BBA degree from the Atlanta division of the University of Georgia with a major in accounting. He is a member of the Georgia Society of Professional Engineers and has a certificate of Engineer-in-Training in heating, ventilation and air conditioning engineering.

REGULATIONS ARE PASSED BY THE ADMINISTRATION COUNCIL

In order to refresh the memory of all Southern Tech students regarding several important regulations passed by the Administrative Council during 1960-61, Registrar L. Y. Bryant requested *The Technician* to repeat the following regulations.

Purchase of School Rings

1. Before a student is eligible to purchase a school ring, he must have completed four quarters in school, have passed 60 hours of credit work, and have achieved a point average of 1.60.
2. Two of the four quarters must have been spent in residence study at Southern Tech, unless the student has transferred from the Southern Tech Evening School enough hours to leave him fewer than two remaining quarters of work before graduating.
3. All credit hours transferred from the Southern Tech Evening School will count toward the 60 required for a ring.
4. Thirty hours of credit work from other colleges will count toward the 60 needed, leaving 30 more (two quarters at the rate of 15 each) in residence before the student can qualify for a ring.
5. If a student has completed five quarters in residence and is beginning his sixth, his overall point average must be 1.70. If he has been in Southern Tech more than six quarters, his average before he can purchase a ring must be 1.80.

Effective date: June 19, 1961

Night School Work

1. Hours, grades, and honor points of technical institute subjects taken at either Southern Tech or the Southern Tech Evening School will transfer completely to the other institution. This ruling also includes failures.
2. Technical-institute work taken at the Evening School will count as residence at Southern Tech, with twelve or more credit hours counting as a quarter of residence. Work taken at Southern Tech may also be transferred to the Evening School on the same basis.
3. If a student is dropped from Southern Tech for academic deficiencies, he may enter the Evening School in the following manner: He must carry an admittance form from the Registrar of Southern Tech to the Evening School. This form will show the subjects he is authorized to take, and the grade or point average he is required to achieve. He will be allowed a maximum of two quarters in which to do this. A student dropped from the Evening School for academic deficiencies may enter Southern Tech in the same manner and subject to the same probation.

Effective date: January 3, 1961

General Regulations

1. A student may not repeat for the purpose of improving his point average a subject in which he has already made a grade of "B" or better.
2. A student must carry a minimum of ten hours of scholastic work to remain in school. If his study load drops below 10 hours, he will be dropped from Southern Tech.
3. A student shall not be dropped from the rolls of Southern Tech for a point average deficiency without first being placed on probation for a quarter.

Effective: March 27, 1961

Mr. Bryant reports that *The Green Hornet*, Southern Tech's publication of rules and regulations, will undergo considerable revision this summer and will be reprinted for future use in the new school.

Manuals Published By Professor Carter

A Southern Tech professor has just published two manuals for use of the sliderule, hand calculating instrument used by engineers, scientists, and technicians. Robert C. Carter, associate professor of electrical technology at Southern Technical Institute in Chamblee, Georgia, recently wrote the two instruction manuals published by Colonial Press, Inc., Chamblee, Georgia.

The two manuals grew out of a need for concise operating instructions for the slide-rule manipulations required in Professor Carter's own courses at Southern Tech. Although the two manuals are intended specifically for personnel in electrical, electronics, and telephony

work, the author has stated that the manuals will be useful in all technical fields.

Mr. Carter received his degree in electrical engineering from Georgia Institute of Technology, Southern Tech's parent institution, in 1950. He is a Professional Engineer, with a license in electrical engineering in Georgia.

Prior to beginning his career as a professor, Mr. Carter was an engineer for Radio Station WFSH, Thomaston, Georgia. He holds both amateur and commercial broadcasting licenses. Mr. Carter is a member of the Institute of Radio Engineers.

The first supplement deals with the j operator, a specialized tech-

nique for solving right triangles, and will be useful in physics, surveying, mechanics, navigation, or in any field in which the solution of problems involving right triangles is encountered.

The second supplement deals with the log-log and log scales on most slide rules. This supplement should be useful in any field in which natural or common logarithms or powers of bases are encountered.

In both supplements numerous examples are provided for practice so that the student of the slide rule may develop sufficient proficiency to lessen the amount of time and effort required to solve numerical problems.

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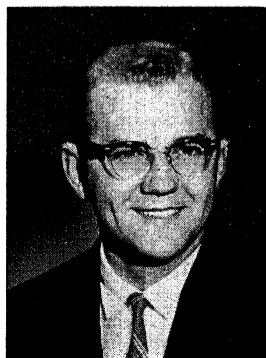
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