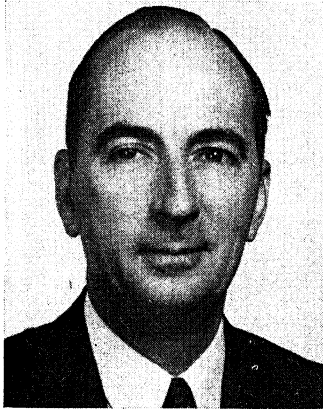


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The Technician, Volume 15, Number 3

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Professor George L. Carroll
Dean of Basic Studies

Professor Carroll Given Recognition

The English instruction at one Georgia college has just received national recognition in a professional journal. An article about Southern Tech's English program appears in the most recent issue of *Journal of the American Business Writing Association* (ABWA).

George L. Carroll, Professor of English and Dean of Basic Studies at Southern Tech, wrote the article for the *Journal's* readership of industrialists, consultants, and teachers of English who belong to ABWA. Mr. Carroll has taught English at Southern Tech since the college opened in March 1948.

In his article, Mr. Carroll points out how instruction in English is vital to future engineering technicians. He explains the Southern Tech method of requiring all students to take four quarters in, according to the title of his article, "An English Program for Technical Students."

Former STI Instructor Dies

Mr. L. V. Johnson, Director, Engineering Extension Division, has received a letter from Mrs. Saeng-Xuto telling him of the crash of the Royal Air Force helicopter which took the lives of "Paddy," he was called by his many friends, and eight others.

Mr. Saeng-Xuto was appointed Chief of Provincial and Rural Highways Division in the northeastern part of Thailand in April 1962, and was coming home from a surveying trip when the accident happened.

"Paddy" graduated from Southern Tech in March 1955 and then continued his education at Georgia Tech where he received a B. E. degree in 1958. After his graduation from Georgia Tech, he returned to Southern Tech as an instructor in the Physics and Chemistry Departments for one year before returning to Thailand.

Pilot Entertains Foreign Students

The Pilot International Club of Marietta invited the foreign students of Southern Tech to a dinner meeting on November 9.

Mrs. Lillian Davenport, president of the Pilot International Club, introduced the guests. Each guest represented his country and told something about it.

Ten foreign students were present. They were Dario Martinez and Pedro Restrepo of Columbia, Bernardo Dachner of Costa Rica, Christian Lugo of Cuba, Jose Schifino of the Dominican Republic, Omark Mathur of India, Manuel Durini of Ecuador, Yehudah Uhlmann of Israel, Abraham Dip of Spanish Honduras, and Cordero Rojas of Venezuela.

Christmas Dance To Be Sponsored By Iota Tau

The annual Southern Tech Christmas Dance, sponsored by Iota Tau, will be held on November 30 at the Progressive Club, Atlanta, and will last from 9:00 p.m. until 1:00 a.m. Tickets are \$3.00 per couple; singles may also be purchased. Dress for the occasion will be semi-formal.

Music will be furnished by a college group known as the Marvels. This group is known for its ability to play any style of music.

Iota Tau has sponsored the annual STI Christmas Dance for the past two years, with results de-

scribed by one Southern Tech member as "rewarding, both to the school and the club." The same member said, "Last year was the biggest dance ever, and this year's is to be its better."

For those who find that every girl in North Georgia has a date to the STI Christmas Dance, Iota Tau will play host to a number of girls.

Tickets are now on sale from any Iota Tau member. Kirk Moore said, "Iota Tau urges you to buy your tickets now to eliminate standing at the door the night of the dance."

Thanksgiving Baskets Will Be Distributed By Alpha Mu Sigma

The Mech Club has undertaken a project to improve the club's prestige, community relations, and long-range goals. Some of the plans, as explained by Buddy Cook, club president, are, charity work through Cobb County Welfare Board and promoting intramural sports by challenging other clubs in basketball.

The club recently gave a party at which Mr. C. R. Freeman was honored for his years of service as adviser to the club. Mr. Freeman was presented a paddle which all members and officers of the club had signed.

Also attending the party were Mrs. Freeman and Mr. and Mrs. Cuba, who acted as chaperones.

To promote better relations with the community, the club plans to work with the Cobb County Welfare Board to find a needy family to whom the club will contribute food for the Thanksgiving holidays.

Long-range plans also include adding amendments to the club constitution in order to establish a better meaning to the club and promote

"esprit de corps." The aim of the club is to instill some of the brotherhood that was prevalent in the school at Chamblee.

Officers were elected at the last meeting and are as follows:

Buddy Cook, president; Dick Turner, vice president; Bruce Barron, treasurer; Pete Herington, secretary; William Martin, sgt. at arms; Geoffrey Richardson, chaplain; James Vaughn, public relations; Ken Massey, student council representative (Freshman); Richard Parker, student council representative (Senior).

Members returning from last year are: Doug Wampole, Dip Farrow, Monty Burch, Jack Crowder, James Benton, Jack Tichenor, Ronald Williams, Richard Bridges, Robert Kinard, Rick Engman.

Members joining the club this year are: Bill Bradford, Bill Rusk, Gus Galbaugh, Bennell Williams, Richard Duke, James Benson, Richard Adamson, Edsel Watkins, Richard Davis, Bruce Edwards, James Crockett, and Fonzo Hall.

Engineering Technician Is Given Proper Certification

The National Society of Professional Engineers, in order to promote recognition of Engineering Technicians, has sponsored the creation of the Institute for The Certification of Engineering Technicians.

The Institute is an examining body whose function is to determine the competency of those who voluntarily apply for certification. The Institute, established under a by law of NSPE, is not a society and does not confer any membership or any privileges in NSPE.

The Institute recognizes three grades of Engineering Technicians. The requirements for the grades are briefly as follows:

Junior Engineering Technician—Two years of experience or graduation from an ECPD-accredited program, endorsed by one Professional Engineer.

Engineering Technician—A minimum of 25 years of age, 7 years total experience, demonstrated technical knowledge, endorsed by two Professional Engineers.

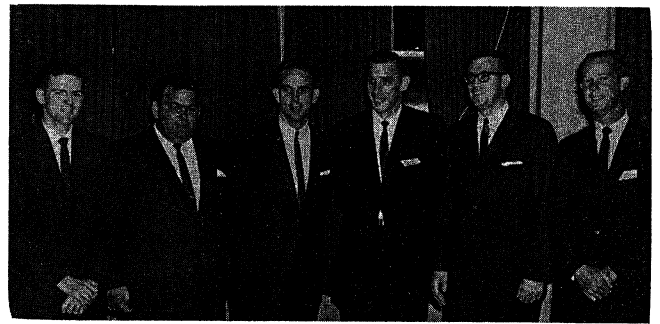
Senior Engineering Technician—A minimum of 35 years of age, 17 years total experience, knowledge of detailed technical character, responsible performance, endorsement of three Professional Engineers.

"The definition of an engineering technician as stated by the Engineers Council for Professional Development," said Mr. Taylor, Head of the Air Conditioning Department at STI, "is as follows: An engineering technician is one who can carry out in a responsible manner either proven

techniques which are common knowledge among those who are technically expert in this branch of engineering, or those specially prescribed by professional engineers. Under general professional engineering direction, or following established engineering techniques, he shall be capable of carrying out duties which may comprise working on design and development of engineering plant; draftsmanship; the erecting and commissioning of engineering equipment or structures; estimating, inspection, and testing engineering equipment; use of surveying instruments, maintaining engineering machinery or engineering services and locating faults; operating, maintaining, and repairing engineering plant; or activities connected with research and development, sales engineering and representation, servicing and testing of materials and components, advising consumers; and training and education.

"In carrying out many of these duties, the competent supervision of the work of skilled craftsmen will be necessary. The techniques employed demand acquired experience and knowledge of a particular branch of engineering, combined with the ability to work out the details of a job in the light of a well-established practice.

"An engineering technician, therefore, requires a background sufficient to enable him to understand the reasons and purposes of the operations for which he is responsible."



New officers of the Southern Tech Alumni Association, pictured following their election at the 1962 alumni banquet: (left to right) John Dumas, Lester Sherrill, Jake Heaton, Preston Greer, Lester Sheppard and Kenneth Presley. (Photo by R. W. Hays)

Southern Tech Alumni Elects New Officers

New officers of the National Alumni Association of Southern Technical Institute have begun their 1962-1963 terms following their election at the association's recent annual dinner meeting. The annual meeting was held on November 10 at East Lake Country Club in Atlanta.

Preston Greer, a 1957 Southern Tech graduate, is serving as alumni president. Other officers are Lester Sheppard, class of 1961, vice president; Kenneth Presley, class of 1955, secretary; and Leon Sherrill, class of 1951, treasurer. Trustees elected at the annual meeting are John Dumas, 1952; Jimmy L. Hall, 1955; Lester Scott, 1953; Jake Heaton, 1958; Robert H. Hulsey, 1957; and Carl Cochran, 1959. Outgoing president Clinton Stewart, class of

1949, will serve as trustees' chairman.

Retiring president Stewart announced at the annual meeting that the alumni association had been incorporated under Georgia law as a non-profit organization. Stewart stressed the incorporation as a move to clarify the tax-free status of contributions to the group.

The meeting also included a report from H. L. McClure, Southern Tech director, on the new campus and other progress during the year. L. V. Johnson, former director of Southern Tech and now Director of the Georgia Tech Engineering Extension Division, which includes Southern Tech, made the keynote address. Johnson reviewed the achievements made by the college since he took office as its first director in March 1948.

Cornelius, White, Shelton Student Council Officers

The first student council meeting of this quarter was held on October 17. The first items on the agenda were the introduction of representatives and election of officers.

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.

The officers are president, Alfred C. Cornelius; vice president, Charles White; secretary and treasurer, Dallas A. Shelton.

The representatives are: Building Construction, Ben J. Hatcher and Joe M. Rothrock; Civil, Joe Pirotska and Ronald D. Warren; Electrical, Charles Warren and Thomas Peale; Gas Fuel, Charles White and Dallas A. Shelton; Industrial, Alfred C. Cornelius and August F. Dennig; Mechanical, Richard L. Parker and Kenneth L. Massey; Textile, Leon W. Langston and Ledon Lingo.

December Graduates To Receive Degrees In June

In December 44 seniors who are candidates for graduation will receive their Associate in Science degrees. The electrical department is represented by 12 of these students (8 in Electronics, 2 in Power, and 2 in Telephone options). Building Construction Technology has 11, the second largest number, and

Mechanical Technology has 8, the third largest number of the group. Civil and Industrial Technology departments have four each, and Heating and Air Conditioning and Textile departments have two each. The Gas Fuel department has one candidate for graduation. Names of those receiving degrees are as follows:

- SOUTHERN TECHNICAL INSTITUTE CANDIDATES FOR GRADUATION**
Fall, 1962
- ASSOCIATE IN SCIENCE DEGREE**
- BUILDING CONSTRUCTION TECHNOLOGY**
Middleton Miles Allen, III
Robert Allen Basford
Eddie Riley Bray
William Berry Broach, Jr.
Humberto Napoleon Catala
John Henry Claggett
Tommy David Charles Cohen
James Anthony Gray
Billy Lionel Law
Glenn McRae McKanney
Henderson Theodore Watts
- CIVIL TECHNOLOGY**
Thomas Edmondson Chandler
Theron Earl Hines
Phillip Gray Hulsey
Dan Lewis Sowell
- ELECTRICAL TECHNOLOGY—ELECTRONIC OPTION**
James William Dunn
Jesse Dudley Freeman
Sanford Douglas Lee
Howard Clayton McCain
John Charles Moody
James Eugene Rider
John Dobbins Russell
Robert Cecil Smith

- ELECTRICAL TECHNOLOGY—POWER OPTION**
John Warren Barge
Howard Jimmie Thompson
- ELECTRICAL TECHNOLOGY TELEPHONE OPTION**
Joseph Gordon Brabham, III
Robert William Ellis
- GAS FUEL TECHNOLOGY**
Atilano Rojas Cardero
- HEATING AND AIR CONDITIONING TECHNOLOGY**
James Virgil Ellerbee, Jr.
James Deil Thompson
- INDUSTRIAL TECHNOLOGY MANAGEMENT OPTION**
John Wesley DeWeese
William Earl Grantham
Otis Alvin Hazelriggs, Jr.
David Clinton Miller
- MECHANICAL TECHNOLOGY**
Capus Niese Carder, Jr.
Robert Wilburn Kinard
Louis Franklin Lindle
John Allen Martin
Howard Vernon Seymour, Jr.
Thomas Francis Sineath
Jack Tichener
- TEXTILE TECHNOLOGY**
Ernest Arrington, Jr.
Larry Watson Harrison

Make Thanksgiving A Full Time Job

By Rolf W. Roley

In this grand country of ours we set aside a day . . . one whole day . . . to give thanks to God for the blessings which we've been granted: One whole day to list the bounties of our nation . . . our state . . . our family . . . and ourselves as individuals. When the day is over, we may possibly be able to look back and recall that we did remember to give thanks . . . most probably we'll be able to remember what we ate . . . and that we ate too much. Beyond that we probably didn't say too much or give thanks . . . to Him who has provided so much . . . the highest standard of life and living in the world today . . . for that matter, the highest in the history of the world. It is a land where, short of armed revolt, we can do, say, go, stay, work, play, and live exactly as we elect . . . all without regard or consideration . . . except that we shall not harm others. It is a land dedicated to peace but ready for war . . . but even then, with the dignity of men among men . . . It is a land where religion is necessary but not required; where the most modern medical facilities are available to all; where education has become a right instead of a privilege; where the individual is supreme . . . and where minorities can stand fast under law and order without fear. These things are all part . . . just part . . . of the many things we have and for which we owe thanks. But just part . . . not enough. We have so much that our Provider deserves more thanks than can be given in just one day. If anyone doubts, remember the old phrase, "I complained that I had no shoes, until I met a man who had no feet!"

Somehow, I feel, we should make Thanksgiving a full time job.

Basic Studies Are Essential

Dean George L. Carroll

Every student, regardless of his specialty at Southern Tech, should strive to get a good foundation in the basic studies. Basic studies include mathematics, chemistry, physics, English, and drawing.

These are the subjects which give the student a foundation upon which he may build as he goes into his specialty. They are the subjects which make it possible for a graduate to work in technical fields for which he did not specifically prepare.

A knowledge of mathematics is prerequisite to any technical study and will make easier the study of physics and other subjects. All technical fields require understanding of physics, and many demand a knowledge of chemistry. Drawing is at the center of the engineering technician's work. With good drawings the technician can make clearer many things which words cannot completely explain. Finally, every engineering technician must be able to put into nontechnical language the highly technical information

concerning the designs and the search of the engineer.

Most graduates must write business letters and engineering reports in the positions they are expected to fill. Many of them are called upon to make speeches and oral reports. Their training in English may make the difference between working for hourly pay at an unimportant job and rising to a supervisory or administrative position which carries with it responsibility and prestige as well as promotion in pay.

Many times students fail to graduate from Southern Tech because they do not realize the importance of mastering the basic studies and are not willing to exert the necessary effort to pass their courses in the first two or three quarters. Such students eventually drop out of school or suddenly discover that their point averages are so low that they are dropped from the rolls on account of academic deficiency. They realize too late that they should have "burned the midnight oil" to get off to a good start from the very beginning.

Why Were The Requirements Changed?

Since the announcement of the new attendance requirements, some students have asked the question, "Why were the requirements changed?"

According to the Administrative Council, the attendance requirements were tightened up because it was generally felt by the faculty and administrative staff that they were too lenient. Some students have proved to be too immature to bear the responsibility of giving full attendance to their classes under such lenient regulations.

After a recapitulation of such factors as the small ratio of the number of students graduating to the number entering, the large number of students forced to drop out of school on account of low point averages, and the large number of students who drop subjects before completing them, the Council felt that it was time to take steps to remedy these conditions if possible. It was felt that full attendance to classes would be one thing that would help.

By the new regulations if a student has a legitimate excuse for being absent more than the allowed number of cuts he can present his excuse to the Registrar and be readmitted to classes. The Administrative Council feels that a student should attend classes unless he has a legitimate excuse for being absent.

TECHNICAL INSTITUTE NIGHT SCHOOL SCHEDULE TENTATIVE COURSE OFFERING, WINTER 1963

Building Construction Technology				
Architectural Technology 224, Building Design	6:00-7:30	TTh	So. Tech	
Architectural Technology 224, Laboratory	7:30-10:30	MTTh	So. Tech	
Civil Engineering Technology				
C.E.T. 114 Mechanics of Materials II (required for Building Construction, Civil, Mech.)	6:00-7:30	MW	So. Tech	
C.E.T. 114 Laboratory	7:30-10:30	W	So. Tech	
Electrical Engineering Technology				
E.E.T. 133 Basic Electronics (Replacing E.E.T. 131)	6:00-7:30	MW	So. Tech	
E.E.T. 133 Laboratory	7:30-10:30	F	So. Tech	
E.E.T. 122 Alternating-Current Circuits	6:00-7:30	MW	So. Tech	
E.E.T. 122 Laboratory	7:30-10:30	F	So. Tech	
E.E.T. 234 Advanced Electronics	6:00-7:30	MW	So. Tech	
E.E.T. 234 Laboratory	7:30-10:30	F	So. Tech	
E.E.T. 234 Laboratory	7:30-10:30	F	So. Tech	
E.E.T. 251 Direct-Current Machinery (Replacing E.E.T. 254)	7:30-10:30	M	So. Tech	
E.E.T. 251 Laboratory	8:00-11:00	W	So. Tech	
Industrial Engineering Technology				
I.E.T. 112 Labor Relations	6:30-7:30	TTh		
I.E.T. 117 Personnel Training	7:30-9:30	T		
I.E.T. 116 Organization and Management	7:30-10:30	Th		
Mechanical Engineering Technology				
M.E.T. 112 Metallurgy and Heat Treating	6:00-7:30	TF	So. Tech	
M.E.T. 121 General Metal Shop	8:00-11:00	MF	So. Tech	
M.E.T. 224, Welding	8:00-11:00	MF	So. Tech	
Technical-Institute English				
T. English 112, Composition and Rhetoric	7:30-9:00	MW		
Technical-Institute Drawing				
T. Drawing 111, Engineering Drawing I	7:30-10:30	MW		
T. Drawing 112, Engineering Drawing II	7:30-10:30	MW		
T. Drawing 221, Machine Sketching	7:30-10:30	MW		
T. Drawing 222, Machine Drawing	7:30-10:30	MW		
T. Drawing 231, Electrical Drawing	7:30-10:30	MW		
Technical-Institute Mathematics				
T. Math 111, Algebra	6:00-7:30	MWF		
Technical-Institute Physics				
T. Physics 122, Electricity	6:00-7:30	MWF		
T. Physics 122, Laboratory	7:30-10:30	F		
T. Physics 123, Heat, Sound, Light	7:30-9:00	MW		
T. Physics 123, Laboratory	7:30-10:30	F		
Adult Education				
English 12, Correct English Usage	6:00-7:30	TTh		
Management 35, Personnel Management	7:30-9:30	T		
Management 30, Industrial Organization	7:30-10:30	Th		
M. E. 50-54, Welding Series (M.M. 53 and				

Alumni Corner

By Armenta Simmons

Alumni And Faculty Relax And Enjoy Alumni Dinner Dance



The banquet was wonderful! If you were not there, you missed a real "ball." It was wonderful to see the alumni and faculty so relaxed and carefree. You should set your goal to attend next year's banquet . . . and be sure you learn how to do THE TWIST!

Alumni News

CLASS OF '49: No news.
CLASS OF '50: No news.
CLASS OF '51: Just like to mention that we were delighted to have this class represented at the annual Banquet. CLEO SCREWS, H&AC, and his wife were there as was C. C. GALBREATH, ET (EO). If I've missed anyone of this year, let me know it!

CLASS OF '52: The same thing applies for 1952. JOHN L. COOK, GF, and his wife were at the banquet. You "pioneer" graduates won't send me any news . . . Why?

CLASS OF '53: No news.
CLASS OF '54: No news.

CLASS OF '55: DON BURKHALTER, IND. T., wrote that he was sorry to miss the banquet, but there is just too much highway between Waco, Texas, and Atlanta, Georgia. Your buddy, BUBBER WOOLE and wife JONI couldn't make it either . . . too much of a baby-sitting problem maybe.

CLASS OF '56: CARLOS WELLS, BC, keeps in touch occasionally. He is in Savannah. DAVE HORNADY and wife BETTY, H&AC, just happened to have pictures of those three wonderful children at the banquet. FREDDIE L. FAIN and wife JANE, MECH., have recently bought a new home in Tucker and are enjoying it immensely.

CLASS OF '57: No news.

CLASS OF '58: BOBBY COFER, IND., is now with Madison Steel Builders in Conyers, Georgia, and the big news is that he is getting married on November 25. Sorry I can't tell you his fiance's name. DEE HERNDON ET (PO) and wife BETSY were by here on their way

to North Carolina. They of course had their fine young son, Craig, with them and we were real happy to see them and Craig. As I've told you before, Betsy was the STI switchboard operator while Dee was in school. WILLIE CHANCE, ET (EO), dropped by the office. He is located down in Florida. BENNO C. FRIEDRICH, MECH AND IND., visited the new campus. Benno is in business for himself now.

CLASS OF '59: JOHN A. MULLIS, MECH., is in Greenville, S. C. now with Steel Hedde Manufacturing Company. He wrote that he was going to try to make it to the banquet — and he did. He confused me something awful by writing that November 10 wasn't a SATURDAY! His calendar was out of date. JOHN E. MARTIN, JR., H&AC, Albany, Georgia, had a reserve meeting this past weekend and had to miss the banquet. Better scheduling next time! JAMES W. KINARD, ET (EO), and his wife, Carolyn, are expecting a Christmas baby! Carolyn was sponsor for the Radio Club in 1959. James is with Emory University and was on campus to give a talk at Seminar.

CLASS OF '60: ROY E. NEWTON, H&AC, is out of service and is back with Lockwood Greene in Spartanburg, S. C. Thanks for your appreciative remarks, Roy.

CLASS OF '61: ROBERT G. ROYAL, ET (EO), and wife are moving to Fayetteville. He is with FAA. They have a new son, Gary Neal, who was born on October 7. Congratulations! CHAS. R. PINKERTON, ET (EO) was recently married. Mrs. Wilson called me to say that she read in the paper about his having married . . . she also gave me his wife's name before their marriage, but I can only apologize for misplacing the memo. KENNETH F. STANFIELD, ET (EO), writes that he is still quite happy with his job. DONALD WATSON, CIVIL, and Miss Kay Richards of Perry, Georgia, were married in September, so I learned from one of the students. Congratulations, Donald!

CLASS OF '62: MARVIN D. POWERS, CIVIL, finally wrote to us. He is in Houston, Texas, with Humble Oil & Refining Co. and is going to night school at University of Houston. I can't figure out how he finds the time from what he tells me about the girls out there! Yes, Marvin, I knew that JERRY JOHNSON and DARRELL NEWBY, both CIVIL, were out there too. I'm sure they are glad you have so many good connections with the "female fatales." ROY P. OLIVER, ET (EO) writes that he and his family are enjoying the beach and the fishing in Fort Walton Beach, Florida. Thank you for your vote of appreciation, Roy. ANDREW M. SOULE, H&AC, writes that he is quite happy in Greenville, S. C. Your decision was quite right, Soule. DAVID H. COBB, IND., dropped in the office today. He is up in Kingsport, Tennessee, with a subsidiary of Tennessee Eastman Company and he seems quite happy there. DOUG DENNIS, ET (EO) also dropped by today from Vitro. We have quite a group of alumni at Vitro now.

NOTE: We've been quite busy getting lined up for the banquet, so if I've missed any news that I was 'sposed to know about—tell me about it and I'll include it next time.

How To Kill Your Club

1. Always have something else to do when a meeting is held.
2. If you attend a meeting, be sure to find fault with the officers and members.
3. Decline to hold an office. It's easier to criticize than to be criticized.
4. Get sore if you are not put on a committee.
5. If you ARE put on a committee, fail to serve. Let someone else do it.
6. If the President asks for opinions, keep quiet. However, don't fail to tell the others later what should have been done.
7. When a few people roll up their sleeves to help things along, always complain that a clique is running the organization.
8. Stick to telling what you did in the past; never look to the future.
9. Put off paying dues as long as possible. Make the Secretary work for it; then the officers will have less time to devote to accomplishing good things for the benefit of the membership.
10. Never bother about getting new members.

Awards Given

Christopher C. Crenshaw, class of 1959 and Lester E. Sheppard, class of 1961, have been presented the Gold Medallion Award by Provident Mutual Life Insurance Company of Philadelphia, in recognition of their competent service to clients and the production of a substantial amount of business during the past year.

Both men are associated with the Georgia Agency of Provident Mutual. Mr. Crenshaw has offices at 609 Bankers Building in Macon, while Mr. Sheppard is located at 1534 Bank of Georgia Building in Atlanta.

What Are You?

Are you an active member.
The kind that would be missed.
Or are you just contented
That your name is on the list?

Do you attend the meetings
And mingle with the flock.
Or do you stay at home
To criticize and knock?

Do you take an active part
To help the work along.
Or are you satisfied
To only just belong?

When the business sessions come around

Do you pretend to be sick.
And leave the work to just a few
Then talk about the clique?

Think this over, members,
You know right from wrong.
Are you an active member
Or do you just belong?

Academic Calendar

Fall Quarter, 1962
*November 22—November 25—Thanksgiving recess.
December 15—End of term.
*December 16—January 1—Christmas recess.
Winter Quarter, 1963
January 2—Registration.
January 3—Classes begin.
January 4—Late registration fees apply.
January 7—Last day for registration.
Last day for adding a subject to study list.
February 2—Last day for dropping a subject from study list without penalty.
February 9—End of deficiency report period.
March 16—End of term.

Extra!! Extra!! Extra!!

You will be interested to know that Mrs. Wilson is now a Grandma! Christopher Michael was born October 31, weighing 5 lbs. and 8 ozs. His proud parents are Mr. and Mrs. Oreon E. Mann, and Mrs. Mann is the former Miss Patti Wilson, youngest daughter of Mr. and Mrs. C. C. Wilson. They reside in Athens, Georgia, where Oreon is studying law at the University of Georgia. Let's hope this little fella' develops a sense of humor so that he will be able to understand and appreciate his grandma. Congratulations Grandma and Grandpappy Wilson!

The Technician

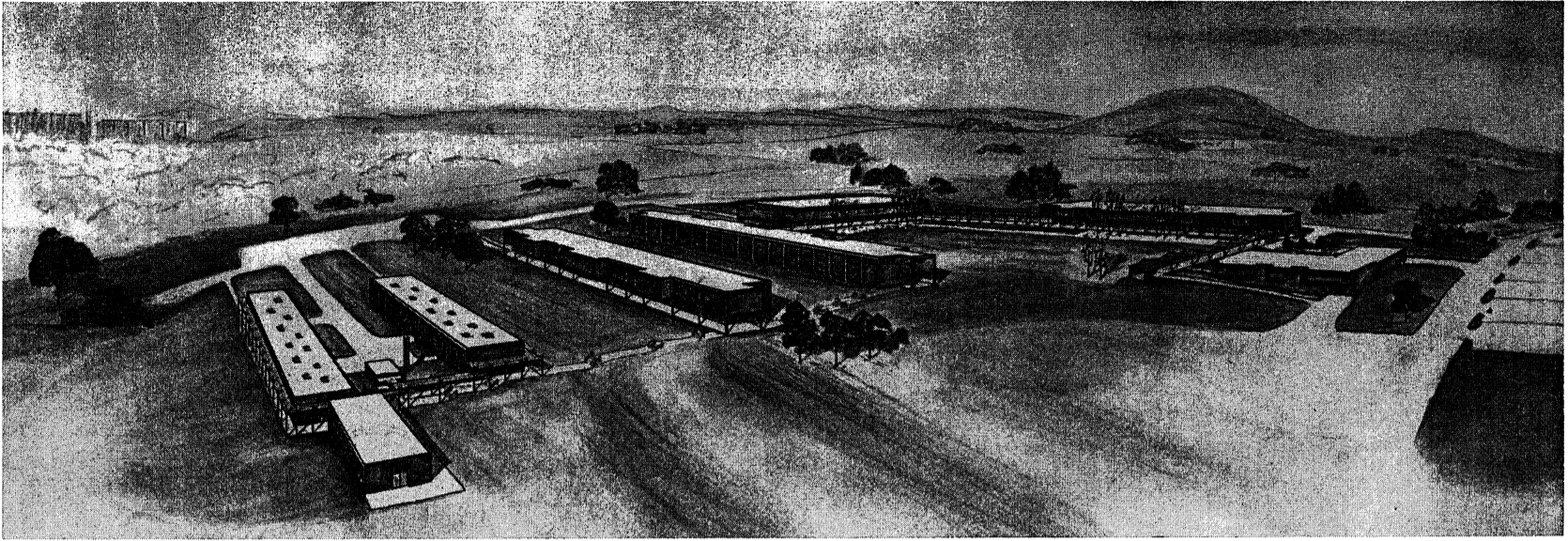
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Buildings (left to right in rendering by C. R. Orvold): First 3 buildings, Shop Unit number 6 (heating and air conditioning, gas fuel and mechanical); Building Unit number 5 (B. C. and engineering drawing); Unit number 4 Electrical Tech (electronics, 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.

Coulter Elected President Of BSU

The Southern Tech Baptist Student Union has been having its regular meetings this quarter. At the October 25 meeting, officers for the year were elected as follows: R. B. Coulter, president; Bob Faucett, vice president; Elizabeth Hawthorne, secretary and treasurer; Ronnie Michael, publicity chairman; Bill Bowman, program chairman; Glenn Goodwin, missions chairman, and Buddy Campbell, social chairman.

The Baptist Student Union is a distinctive student program sponsored by the Southern Baptists for Baptist students in colleges, universities, technical, and professional schools. It is a student-led, church-related, and Christ-centered program.

The BSU meets each Thursday evening at 7:00 p.m. in the STI dining hall. Coffee, doughnuts, and real Christian fellowship are enjoyed at all meetings.

Southern Technical Institute Shows An Increase In Staff And Enrollment

The Southern Technical Institute has been in existence as a two-year, boarding, co-educational, technical college for almost fifteen years, thirteen and a half of which were spent at its previous location on the old Atlanta Naval Air Station facilities in Chamblee, Georgia. With the full support of the Associated Industries of Georgia, the Georgia Institute of Technology, and the Board of Regents of the University System and after many months of curriculum - building conferences, and much work on the physical plant, The Technical Institute, as the school was called then, opened its door to its first students on March 24, 1948.

Several achievements in Southern Tech's fifteen years of phenomenal growth, progress, and success are noteworthy: the change in name from The Technical Institute to the

Southern Technical Institute; the right to award the Associate in Science degree to all graduates; national accreditation of curricula by the Engineers' Council for Professional Development; recognition of Southern Tech by the U. S. Department of Education as an institution of higher learning; the increase in the number of students from 116 to 900, the faculty from 10 to nearly 60, laboratories from three to 40, and curricula offerings from seven to 11; and the development and maintenance of a very effective student job-placement service.

Difference Between Day, Night School

By John R. Doster

(The Technician Staff asked John R. Doster who is a day student at STI to compare day school with night school as he has attended both.)

Having attended night school for several years and now attending day school, I would like to tell you some of the differences between night school and day school.

The students in night school are more settled than those in day school. Most of them are older than the average day-school student. They have families and regular, full-time jobs. They are enrolled in night school because they realize the importance of education.

In night school almost everyone has worked hard all day, and when he finally gets to school, he is tired. Therefore, staying awake during class and listening to the instructor is more difficult.

Working all day and trying to go to school is harder than having two jobs. When a student finally gets to study, he remembers something he did not do and things he plans to do the next day at work. These distractions make studying more difficult.

In day school it is much easier to work out a study schedule. Day school also gives more time for special help from instructors if a student needs it.

Day school provides an opportunity to meet more students, find out their hometown, their interests, and their hobbies. A student also has time to participate in clubs, fraternities, school sports, and other activities.

The professors at night school admire the student for trying to work and go to school. They realize that today people more than ever need an education.

Monogram Club Names Officers

The Monogram Club met Thursday, November 1, and elected officers for the fall quarter as follows: president, Dale Miller; vice president, Wayne Smith; secretary-treasurer, Jerry Middlebrook; public relations, Steve Rainey.

Civil Clubs Lists 24 New Members

The Civil Club has twenty-four new members this quarter. They are as follows: Benny Bruner, David McElvin, Jim McCall, Gordan Mullins, Johnny Bradshaw, Eugene Key, Jerry Tillison, Homer Maddox, Ken Cochran, Millard T. West, Sammy Lord, Mike Pope, Benny Clark, Robert Long, Richard Stephens, Jerry Springfield, W. L. Turner, Don Perkins, Harrell Hampton, Jimmy Carnes, Jim Dickerson, Charles M. Dickerson, Douglas Middleton, and Kenneth Lewis.

Elected officers for the fall quarter are these: president, Dan L. Sowell; vice president, John Q. Williams; treasurer, John M. Murray; secretary, Charles R. Dean; sergeants-at-arms, Richard McNeely, Buford Small; reporter, Richard Jones; student council, Ronnie Warren, (Freshman) Joe Piroaska, (Senior); social committee, Charles R. Dean, Jim Bay.

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Hornets Lose Lead in Last Half To John Marshall 70-61

Although trailing 70 to 61 at the end of the game, the Technicians played a hard-fought game Tuesday night, October 7, against John Marshall Law School of Atlanta. Southern Tech scoring was led by Jerry Middlebrook, Charlie Dean, Bob McCoy, and Ed Perkins. The Technicians led the scoring for most of the game, but during the last half the players, hindered by the lack of experience, lost the lead. Having an advantage in height, the Technicians controlled the area under the baskets almost continuously and scored most of their points from underneath the goal. John Marshall was forced to attempt outside shots.

Although all of the men played well, extra credit must be given to

Wayne (Smitty) Smith, as his outside shots and expert play hindered the offensive effort.

Enthusiastic spectator participation was greater than it has ever been. The team said they would like to thank everyone who attended. Coach Lockhart says there will be cheerleaders for most of the remaining games.

The "B" Team won a hard-fought game over the John Marshall "B" Team. Coach Lockhart proudly said that his team "will be even better as they settle down and gain more game experience." The Taylor Twins, Terry and Jerry, from Summerville, Georgia, led the "B" Team's offensive.

Faculty Wives Elect Officers

The Southern Tech Faculty Wives Club met October 25, at the home of Mrs. C. M. Lambert on Manget Way, Dunwoody. Mrs. W. W. Vaughn, president of the club for 1961-1962, presided.

The following were elected officers for the coming year. Mrs. L. G. Cuba, president; Mrs. R. W. Hays, vice-president; Mrs. H. V. Smith, secretary-treasurer; Mrs. J. J. DeFore, gifts and flowers.

The members formed committees to plan the activities for the new school year.

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IRE Membership Increases At STI

The IRE is an international organization, whose main purpose is to keep the student, the technician, and the businessman up to date in the electrical and electronic world.

There are 35 IRE members on the Southern Tech campus. The general officers of Southern Tech's IRE Club are Jesse D. Freeman, chairman; Larry W. Hall, vice chairman; Arlyn C. Soloman, secretary; and Robert C. Smith, treasurer.

Lawson, Parlett Sponsor Iota Tau

Iota Tau has ten new members this quarter. They are as follows: Ken Wooldridge, Robert McMillian, Richard Edwards, Jerry Kirk, Roy Tuck, Amando Ferrer, Paul R. Smith, Mike McEven, Jerry Hammock, and Richard Tritt.

The sponsors for Iota Tau are Mr. Larry Parlett and Mr. G. Lawson.

The pledges are being advised by the pledge masters Kirk Moore and president Charles Webb. Formal initiation for the new members was held Saturday, October 27.

Drawing Aids Tech Graduates

By E. J. Muller

Proper training in technical drawing has been found to be one of the important basic skills required of technical school graduates. Mr. Charles A. Chayne, vice-president in charge of the Engineering staff of General Motors Corporation, has said: "It has been our experience that the most valuable men in our engineering development group are those whose broad background in designing permits them to follow a project from the initial free-hand sketch to the finished prototype.



E. J. Muller
Head of Drawing Department

Men of initiative and vision who have the ability to draw a good working layout, draw or supervise the drawing of the details, check the finished drawings, and then follow the parts in the shop through the assembly and testing phases are the type of 'all-round' engineers or technicians constantly being sought to fill positions of higher responsibility."

"Drawing is offered at Southern Tech to give students this sought-after ability in graphic expression. If a technician is not to be an illiterate member of his profession, he must be able not only to read drawings and blueprints made by others, but he must be able to draw presentable technical drawings so others will be able to understand him in a clear and concise manner.

"It can be said that a supposedly trained technician, who cannot read a drawing, can be compared to an unskilled laborer, employed at ordinary work, who cannot read or write," said Mr. Muller, head of the drawing department.

"If our industrial strength is to continue—if we are to produce new machines which will raise our standard of living, if we are to build new bridges mightier than before, if we are to conceive new structures more exciting and comfortable, if we are to probe the universe with new missiles and space vehicles, young technical people will have to know how to record their technical ideas on paper in a neat and orderly manner as well as interpret the technical expressions of others. They will have to learn and know well the universal graphic language—technical drawing."

Student Gets Teaching Post

By Silvio Robledo

(An STI student from Colombia who is teaching Spanish was asked by The Technician Staff to explain as to how he secured this position.)

After finishing high school in 1949, I spent two years in an engineering school in Colombia. In the fall of 1951 one of my brothers and I came to Georgia Tech, and in the summer of 1953 I went back to Colombia and decided to stay. In June 1955 I married the most wonderful girl in the world.

A month after our first daughter was born, the Shell Oil Company of Bogota offered me a job as translator, and I took it. In 1957, while working for this company, I decided to come to Southern Tech, but it was not possible at that time because our daughter needed a special medical treatment; therefore, we decided to bring her to Miami, Florida. Our daughter could not walk due to an abnormality in her knees. While I was in Miami trying to get a job, Mr. Robert King High, Mayor of Miami, obtained room for our child at the Variety Children's Hospital. After two successful operations and some physical training our child was able to walk. It was a rare surgical triumph, and her case was presented as the first one in the medical history in a meeting of several orthopedists from all over the country. Although the medical treatment lasted for almost a year and cost several thousand dollars, it did not cost us a single penny; the city of Miami covered all expenses. This is only one of the reasons we love this country so much.

I came to Southern Tech because I realized that the only sure way to get ahead in life was by having a college education. This I learned from experience when I had to resign from my job as head of the production department in a company in my home town only because I did not have a college education.

Although production was running smoothly, my two immediate bosses—graduates from U. S. colleges—could not work out a solution on some serious problems in quality control. After my complaining about the inability of these two "engineers," top management asked me to resign just to save face.

Indeed, I am very glad I chose Southern Tech, because I never expected it to be such a good engineering school. The most interesting phase of the subjects taught here is the so-called term projects. At this school one not only obtains a good deal of theory, but also a great deal of practical experience, which in my opinion is the best weapon to face one's professional life.

Another advantage one has at this school is the assistance offered by the instructors, which they furnish at any time and any place. One more statement I'd like to add is this: "If a good number of Southern Tech graduates were working in Colombian factories, the so called four-year college graduate would have a good opportunity to learn a great deal from us."

Studying and teaching at the same time is a new experience to me, and an unforgettable one, too. Although I am not a Spanish instructor by profession, I hold an official degree as English-Spanish interpreter which was awarded to me by the Colombian government after successfully passing several exams in August 1957. My teaching experience is very little. I taught Spanish while living in Miami, and English in Colombia for two years.

The University of Georgia asked me to teach a conversational Spanish class at the U. S. Naval Air Station here in Marietta, and I have been teaching it since last September. I have a very good group in my class because after six weeks of classes—five hours a week—several of my students are talking to me in Spanish with very little difficulty; therefore, I am sure that within a few months they will speak it as fluently as I do.

Several of my students complain that my tests are pretty rough, but I cannot help it, since I had to get used to hard tests, for I get one or two every week on the subjects I am taking at Southern Tech.

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