

## WELCOME, NEW MEN!

### Director Johnson Extends Greetings To '56 Freshmen

To All New Students:

The faculty and staff join me in greeting you and extending to you a hearty welcome to the Southern Tech family.

You and Southern Tech have become partners in one of the most important jobs of your life that of qualifying you for a career as an engineering technician. To do this, you, our faculty, and the administration must work as a co-ordinated team in which every member must do his full part. Your success not only as a technician but also as a citizen will be affected by the work you do here.

Let me urge each of you to do everything possible while you are here to utilize to the fullest advantage all the facilities available to you. In addition to learning the science and technical know-how in your field, you will need to develop your ability to work with and to influence your associates, and to direct the activities of others. The ability to get along with your fellow man is second to none among your qualifications for success. By taking part in extra curricular activities such as the athletic program, school publications, and the many societies and departmental clubs, you can develop to a greater degree this all-important qualification.

I extend to you good wishes for an enjoyable and profitable college experience.



Director Johnson

### STI Performs Direct Service For Industry in Training SBT&T Men

The Southern Bell Telephone and Telegraph Company and other member companies of the Bell Telephone System have, since August of 1952, sponsored a series of short-course training programs at Southern Tech for company craftsmen and supervisory personnel.

The majority of these short-course training programs are Radio License Schools of five to six weeks duration, in which a group of 12 to 20 students from all over the Southeast attend classes for six hours each day, six days per week, to prepare for the Federal Communication Commission examinations required for the Second-Class Commercial Radio-

telephone Operator License.

The entire upper northeast wing of Dormitory 20 is set aside for these Radio License School students who are, with few exceptions, family men with many years of experience on the job. All expenses for dormitory rooms, dining hall meals, instruction, and administration are paid by the sponsoring company, which also provides full salaries to the students during their stay at Southern Tech.

The rate paid by the sponsoring company for dining hall meals is comparable to the rate paid by the regular students, but the rate paid for the dormitory rooms is

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### Tech-Annes Begin Year's Activities on October 9



Mrs. Phyllis Aloisio  
President

The Tech - Annes, Students' Wives Club of the Southern Technical Institute, organized in No-

vember, 1954, to promote interest among the wives of Southern Tech students, are making plans for a very enjoyable and successful year.

Although the regular monthly meetings of the Tech-Annes were discontinued during the summer, two social activities were enjoyed by the club. On July 21 members gathered with their families at Mooney's Lake for a watermelon cutting. The second event, in the form of a box supper, was held at Chastain Park on August 25.

The following carefully planned programs are scheduled for regular monthly meetings to be held in the Green Room of the school cafeteria.

October 9—Get-Acquainted Party Meeting

November 1—Gift Wrapping

December 6—Christmas Tea

January 3—Hair Styling

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### September Class Of 55 Seniors Hope to Finish

Fifty-five Southern Tech seniors were scheduled to complete their work and qualify for graduation on September 15. Doing so depended upon passing all of their summer quarter's work, achieving at least a 1.70 overall scholastic average, and clearing all financial obligations, if any, owed the school.

As was to be expected, the largest number of these 55 are Georgians—42, in fact. Atlanta and environs contributed 8, other parts of the state 34. Eleven graduates were from states other than Georgia, and two were from Colombia, South America: J. Mario Messa coming from Medellin, and Harold Bonilla from California.

Twenty-nine were veterans attending school under the G. I. Bill, and 26 were non-veterans.

The 55 were distributed among STI's eight departments in this way—

Building Construction	10
Civil Technology	3
Electrical Technology	3
Electronics & Communications	20
Gas Fuel	2
Heating & Air Conditioning	5
Industrial Technology	4
Mechanical Technology	10

The total here is 57 because two students—Bernard A. Wench and James F. Bennett—qualified for

### School Expects Enrollment Of 800 on September 24

#### 400 New Students Make Application; Several Changes in Faculty Effected

Southern Tech officials anticipated an enrollment of 800 for the fall quarter beginning on Monday, September 24.

Four hundred old students were expected to return, and 400 new ones had made application for entrance. The total of 800 is 90 more than were registered in 1956, or

the close of the summer term before the last quarter's grades had been figured in, Robert B. Horne, an increase of 12.6 per cent.

The first two days were to be devoted to the registration and orientation of beginning students, who were to be given a placement examination in mathematics, a battery of test for counseling and guidance purposes, and as much information about the school, its rules, and policies as the time would allow.

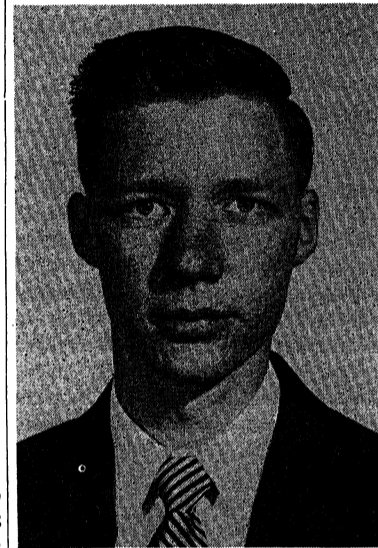
Returning students were to be completely registered on Monday and were to start classes on Tuesday. Classes for beginners were to start on Wednesday.

#### Several Staff Changes

A number of changes in Southern Tech's teaching staff were made necessary because of a number of resignations and because of the increased enrollment. For various reasons Messrs. B. B. Herms, Kermit Hutcheson, D. I. McCool, and James Ray will not return for the 1956-57 year.

To replace them and to take care of the increase in the number of students, eight new instructors have been employed. They are Dearl Keith Davis, David E. Hamrick, Harry S. Lockhart, Edward L. Reese, Mrs. Alvena Elizabeth

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Robert B. Horne  
Leads Class

two degrees each, the former in Building Construction and in Civil Technologies and the latter in Industrial and in Mechanical.

At this writing, which was near

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## Another Dorm, A Handbook, PBX Among Numerous Improvements

Students returning to Southern Tech after a short summer vacation will note many new improvements and progressive steps about the campus.

Among these are an additional dormitory building, an expanded telephone system and a PBX control, a student handbook *The Green Hornet*, the three-digit method of numbering subject offerings, an improved grade-reporting system, and new equipment to the value of \$7,500 in the dining hall.

#### Another Dormitory Obtained

Considerable increase in enrollment forced school officials to appeal to the Navy for release of a building for housing purposes. As a result Building 41, adjacent to the south runway, was obtained. Entrance will be gained from the south side of the Station. After the building has been partitioned, painted, and furnished, only seniors will be placed in it. It will accommodate over 100 students and will relieve crowded conditions in the other dormitories.

Another much needed addition to campus facilities is the greatly expanded telephone system installed by the Bell Telephone Company. The new PBX, which Bell installers state, is the newest type in use, has a capacity of 8 trunks and 40 lines, of which only five trunks and 22 lines are being installed for current use. The switchboard has been installed in

a portion of the Central Office in Building 24.

Telephone service has been installed to all class and office buildings and should facilitate the locating of students and faculty for emergency calls and the smoother operation of the school's business.

*The Green Hornet*, 36-page student handbook, should make its appearance within a few days. It is in two colors and illustrated by Mr. E. J. Muller. The handbook is described fully in another story in this issue.

Much has been said already of the new three-digit system of numbering subject offerings. New students will have no difficulty learning how the new plan goes; perhaps the old students will know before they graduate.

Southern Tech has installed the McBee Keysort System of grade reporting. The big difference between the new method and the old is that students now will receive a separate report card for each subject he carries and completes, whereas he previously received only one card with all subjects and grades on it. The new system will, however, mean greater efficiency and considerable saving in clerical time.

The dining hall-kitchen facilities have been improved at the expense of \$7,500. An up-to-the-minute dishwashing outfit has been added as have many feet of stainless steel tables. These are also reported on more fully in another story.

### School's First Student Handbook, 'Green Hornet' To Be Ready Soon

*The Green Hornet*, Southern Tech's first student handbook in printed form, will be ready for distribution in a few days, Registrar L. Y. Bryant announces.

The handbook, he says, is to be a 36-page, 5½ by 8½ inch publication printed in green and black and illustrated with clever, amusing line-drawings from the pen of Mr. E. J. Muller, head of STI's Drawing Department.

Purpose of the handbook, Mr.

Bryant, explained is to put in convenient, attractive form a great store of information intended to acquaint the students and their parents with all phases of school life and the various rules and regulations governing it. The index includes 70 or more entries ranging from "Absences" to "Withdrawal."

To enliven the written material, Mr. Muller was called upon for

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## The Technician

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

### THE STAFF

#### ASSISTANTS ON SEPTEMBER ISSUE

Connie Crawley, Al Martin, Dutton Shaw, James L. Saville, William H. Carlson, Emil Lenzi, Ronald Hasty.

FACULTY ADVISER—L. Y. BRYANT

Member

Associated Collegiate Press

## AN EDITORIAL

### A Freshman Advises Beginners

By James Saville

Well, here I am at college! I wonder if I am entering into the thirteenth grade or continuing in a different pattern altogether. I am sure it is quite different from any high school.

What am I going to take? First, I think I will talk to the different instructors, as they are experienced in their particular field, and really find out just what is offered. Just because I built a Hi-Fi set is no reason I should say, "I believe I will take E&C." Another person may say, "I built a hot rod once, so I think I will take Mech." The best thing for me to do is get the dope on every course offered.

I have invested quite a bit in this school. I have paid my tuition, room, and board. I have also invested a great deal of my time, so I have just got to make good.

What does it take to make good? First, I should have an interest in whatever course I am going to take. Second, I should have a good background in math, English, and basic sciences. Third, I should learn to speak up. If I don't have this ability, I should learn to speak up but never sarcastically.

#### Determination Necessary

Also I realize that I must have lots of determination to see my course through. I imagine no quitters have ever got a Southern Tech degree. I am beginning to learn, too, that better study habits pay off. And I hope I have time left to take part in some extracurricular activities. I believe in them and think they will be lots of fun as well as good preparation for the job I do in life.

All these things I suggest to beginning students and hope they get as much "kick" out of Southern Tech as I am getting.

### Build Bridges Instead of Walls And Assure Yourself of Friends

It was a pretty wise philosopher who once said, "The lonely person is one who has built walls around himself instead of bridges."

Here we have the picture of one who prefers isolation to the society of others; the recluse who concentrates more upon self than he does upon his associates; the non-participant who chooses to remain aloof and secluded rather than take part in the activities of the group; the non-communicant who lives with himself and to himself instead of sharing his life, thoughts, talents, and actions with his fellowman.

#### Why Be Lonely?

There is no excuse for the lonely person, the recluse, the non-participant, at Southern Tech. Here the student will find numerous opportunities to be with people, to work and play with them, to contribute his talents, ideas, and activities to the improvement or the pleasure of the group.

This little sermon is an urgent appeal to all student, especially the new ones, to build bridges instead of walls around themselves—to become acquainted with many fellow-students, to affiliate with as many groups as they have time for, and to participate actively in the extracurricular activities.

If you are talented in writing and creative, artistic enterprises, you should become a member of the student newspaper, *The Technician*, or the yearbook, the *Technician's Log*. Both can use your talents and both offer many opportunities for self-expression.

#### Athletics Are For You

Perhaps you are gifted in athletics and like basketball or baseball, or both. If so, you just don't know how pleased Mr. Lockhart will be to have you try out for his teams. The STI intramural activities, played on a departmental basis, offer many students a lot of fun, healthful exercise, and enjoyable fellowship.

By all means, become a member of your departmental club, in which you will come to know men in the same course you are, profit

from their informative meetings, and enjoy all kinds of social activities—dances, barbecues, dinners, picnics, etc.

Many campus-wide organizations invite you to join them. Among these are the Society for the Advancement of Management (SAM), Circle "K," the Christian Association, the Camera Club, the Toastmasters, the Amateur Radio Club, and others. Learn what the requirements for admission are, qualify, and have fun.

Several organizations are entered only after certain specific requirements have been met—for

### 5 Standouts Win Annual Trophies At Commencement

Lewis W. Goodman, a Building Construction student from Kannapolis, North Carolina, was the winner of two annual awards at commencement time in the spring for being selected the Best All-Round Student of 1955-56. He was awarded the school's medal and the Georgia Engineering Society's Annual award for his outstanding record.

Mr. Goodman possessed an excellent scholastic average, an outstanding record in extracurricular activities, and such qualities of leadership that he was chosen over other superior students for these honors.

#### McCullough Wins Two

John W. McCullough was also highly honored by being awarded two prizes. His scholastic record—and the outstanding work in science won for him the Science Medal and the plaque offered by the Industrial Department to the student with the highest point average. His name also goes on the school's permanent plaque for his achievements in his studies.

Mr. McCullough was a student of Electrical Technology, a Korean veteran, and a native of Conyers, Georgia.

Roger D. Stephens was winner of the STI Activities Medal. In addition to being an excellent student (3.42), Roger was a participant and an outstanding leader in numerous student activities.

#### Athletes Honored

Two star performers in athletics were also honored. To Billy H. Walker, one of the best catchers ever to play for Southern Tech, went the trophy for being the most outstanding senior athlete. And on the basis of his reliable sparkling play in basketball and baseball Bobby J. Causey was awarded the trophy for being the most outstanding freshman athlete.

example, the Tau Alpha Pi National Honor Society, the Monogram Club, and the Student Council. "Making them" will be an achievement which will give much satisfaction and pleasure.

Build bridges instead of walls; then you won't be lonely. You will become a healthier, happier,

### Welcome to the Institute!

## STI Employs 8 New Teachers

Resignations from the Southern Technical Institute faculty and increased enrollment have resulted in the addition of eight new members to the instructional staff, one of whom is a woman.

Names of these new teachers and a few facts about them follow.

Dearl Keith Davis joins the Physics Department as a special lecturer. Mr. Davis holds an Associate in Science Degree in Electronics & Communications Technology from the Southern Technical Institute.

David E. Hamrick teams up with the Mathematics Department as a special lecturer. Mr. Hamrick, also a graduate of Southern Tech, is continuing his studies toward a Bachelor of Science Degree in Electrical Engineering at Georgia Tech.

Harry S. Lockhart is welcomed to STI as its new coach and assistant to the dean of students. After receiving his Bachelor of Arts from Mercer, Mr. Lockhart was coach and instructor of physical education at Norman College for four years. In addition to his coaching duties here at STI, he will be in charge of student activities. Mr. Lockhart is married and has three children.

Edward L. Reese unites with the Civil Department. Previously with the United States Forest Service, Mr. Reese obtained his Bachelor of Science in Electrical Engineering from Georgia Tech. During the past 24 years with the Forest Service he has acquired a great deal of experience in the structural civil engineering field.

Alvena Elizabeth Ronat (pronounced Ronei (a)), by far the most attractive newcomer, offers additional relief to the Mathe-

### Tech-Annes State Plans for 1956-57

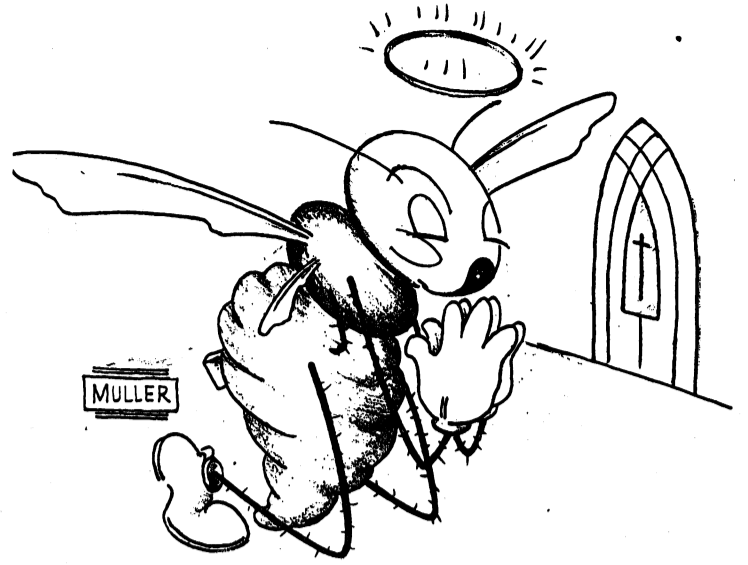
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February 7—Lecture on Child Psychology

March 7—Corsage Making

April 2—Elections

Officers elected to serve for the school year ending in April 1957 are Mrs. Phyllis Aloisio, president; Mrs. Barbara Heaton, 1st vice-president; Mrs. Ellie Holliday, 2nd vice-president; Mrs. Renza Boyd, recording secretary; Mrs. Ann Herrington, corresponding secretary; Mrs. D'Ann Perry, treasurer; Mrs. Jewel Webb, parliamentarian; and Mrs. Pat Hulse, publicity chairman.



Mr. Muller's Art At Its Best

### School's First Student Handbook, 'Green Hornet' To Be Ready Soon

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20 or more illustrations which, Mr. Bryant says, really "make the book." Mr. Muller depicts the Green Hornet cutting all sorts of capers by way of illustrating the copy.

How does the Green Hornet figure in? It is, Mr. Bryant explained, the school mascot, or symbol, or animal, just as the Yellow Jacket is Tech's, or the Bulldog is Georgia's, or the Bear is Mercer's. When the time came for a title and a theme for illustrations, the Green Hornet was decided upon.

Mr. Bryant emphasized that The Green Hornet becomes one of the school's official publications and one the contents of which students will be held responsible.

The editorial committee— all faculty members—which contributed toward producing the handbook was composed of Messrs. Bryant, Muller, J. J. Defore, and Wilkinson; Deans G. L. Carroll and C. V. Maddox, and Director L. V. Johnson. Mr. Bryant, general editor, praised Mr. Muller very highly for the outstanding art work which he contributed.

### Faculty Become Students, Attend Summer Schools To Keep Modern

It seems that students don't do all the studying. This summer several STI instructors were studying for graduate degrees or attending special sessions in various parts of the country.

Mr. L. Y. Bryant, STI Registrar, spent two weeks in June attending a workshop especially designed for registrars and admissions officers and held at New York University. Mr. Bryant is very proud of the "A" he received.

Mr. Robert W. Hays, head of the English Department, spent more sociable being, accepted and appreciated by your associates now and more quickly by industry later.

part of the summer studying statistical methods at Emory University. This was a continuation of study for a graduate degree in education. Mr. Hays is making a research study of ideal class sizes.

Mr. Clark Lambert, Physics Department, spent part of the summer in Michigan attending Western Michigan College, where he obtained his Master's Degree in education. He specialized in the teaching of Physics.

Mr. A. L. Steinkamp, Industrial Department, attended Purdue University this summer. He has been working for the past three years for his Master's Degree in Industrial Engineering. Mr. Steinkamp accomplished this with straight "A's," with one exception. He also received additional credits in Industrial Management. Mr. Steinkamp plans to attend graduation exercises at Purdue. He is considering going on for his Doctor's Degree but is at present a little dubious.

Georgia Tech was the scene of the scholastic labors of two of STI's staff: Mr. R. L. Wilkinson, head of the Mathematics Department, who was working on his Master's Degree in mathematics; and Mr. John Adams, who was preparing to enter upon his Master's Degree work in Mathematics.

### Mr. Myatt Is Fifth Staff Member To Get Professional License

Mr. R. L. Myatt, Assistant Professor of Civil Technology at Southern Technical Institute, recently received his professional engineer's license in Civil Engineering. Mr. Myatt's certification was announced by the Georgia State Board of Registration for Professional Engineers and Land Surveyors.

Mr. Myatt thus became the fifth member of STI's faculty to be licensed as a professional engineer. The other four are Mr. W. W. Vaughn, Mr. W. R. Halstead, Mr. R. C. Carter, and Mr. C. T. Holladay.

(Continued on Page 3)



## Mr. Arntson Quits Coaching To Give Mech More Time

**Recommends Successor Very Highly, Picks Cage and Diamond All-Stars**

At the Awards Night Banquet held on June 1, students and faculty of Southern Tech were surprised when Mr. C. A. "Coach" Arntson announced his resignation as coach of basketball and baseball at STI.

In a brief speech he stated that he was resigning so that he could devote more time to the problems of the growing enrollment of the Mechanical Department, of which he is head. In a recent interview Mr. Arntson said, "It's too dog-gone much for one man to handle both athletics and a department in a growing school."

In answer to whether he intended to be affiliated with the Athletic Association, Mr. Arntson replied, "I don't feel like I want to tie myself down, for this is the reason I resigned." He further stated that he might be of possible assistance to the Association in the future, but certainly "no road trips."

### Recommends Mr. Lockhart

Mr. Arntson, sometimes known as "Arnie," strongly recommended his replacement, Mr. H. S. Lockhart, who comes from Norman College to take over coaching duties. He said, "He'll do a good job, the boys will like him, he'll get along with the boys, and he KNOWS the games."

In recapping Coach Arntson's affiliation with athletics at Southern Tech, it was before taking over the position vacated by Mr. Frank Johnson in 1952 that he first entered sports at STI. At that time he was coach of the Mechanical Department basketball team.

With the start of the basketball season in 1952 he made his first appearance as Southern Tech's

coach. In the five years that followed, Coach Arntson's boys showed great team spirit on both the gym floor and on the "dust bowl" diamond.

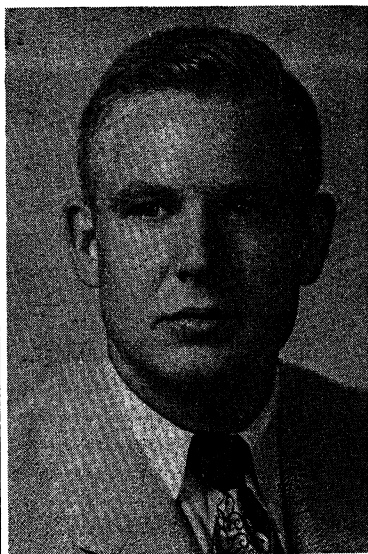
### Many Difficulties

The aim of passing first and playing afterwards, conflicts between 5 o'clock labs and practice, the distance between the class buildings and the gym or field for practice, and little student support for basketball hampered the teams at times. On the other hand, somewhat larger baseball support assisted tremendously when the cards seemed down. The reason for the difference in attendance is that the majority of the students live in Atlanta, which fact makes it impractical for them to travel the distance to night basketball games; whereas the baseball support was good because baseball games were afternoon contests.

### All-Stars Named

Coach Arntson feels he has had many talented students as members of his different clubs, and has selected the following as his All-Star teams:

**Baseball:** Billy Walker, '56, catcher; Bubba Woolfe, '56 first base; Gene Jabaley, '54, second base; Will Madison, '53 and Bobby Causey, '57, third base; Bobby Anderson, '54, shortstop and captain; Bob Stanley, '52, Frank Babbitt, '57, Charles McDaniel, '52 Fred Trogdon, '57, outfielders; Ray Jones, '54, Tyler Seymore '57, and



Coach Lockhart

Joel Watson, '55, pitchers. **Basketball:** Bubba Hodges, '53, captain; Charles McDaniel, '52; Jimmy Maxey, '52; Bobby Anderson, '53; Arthur Jordan, '55; Fred

## Mr. Lockhart Takes Over Coaching Job

Mr. Harry S. Lockhart, formerly the Athletic Director at Norman Junior College since 1952, joins the Southern Technical Institute staff this month to fill the newly created position of Assistant to the Dean of Students.

Mr. Lockhart's duties will be varied. He will take over the varsity coaching job relinquished last spring by Mr. C. A. Arntson and will assist in coordinating the entire student activities program at Southern Tech. Dean C. V. Maddox feels that Mr. Lockhart will be of inestimable value in coordinating these activities, seeing

Carey, '56; Paul Martin, '53; and Pete Day, '56.

that they run smoothly and helping in building student moral and spirit.

Coach Arntson also recommends Mr. Lockhart highly, saying that he is a most likeable person, that he likes boys, and that he knows the games he will coach.

Mr. Lockhart is 27 years old, is married, and has three children. Though he was born in Los Angeles, he has lived in Georgia for 19 years.

He received his A. B. in Physical Education from Mercer University in 1952 and since that time has done graduate work at the Alabama Polytechnical Institute at Auburn. In fact, Mr. Lockhart spent most of the past summer there engaged in graduate study.

## Students Urged To Engage in School's Intramural, Intercollegiate Programs

Southern Tech's athletic activities are conducted upon a two-fold organizational basis: intercollegiate and intramural. This year all sports will be under the supervision of Mr. Harry S. Lockhart, who himself will coach the intercollegiate teams.

The school fields intercollegiate teams in basketball and baseball. As a member of the Georgia Junior College Association, the Technicians play each season teams which are fellow-members. Among these are Young Harris, West Georgia College, Middle Georgia College, South Georgia College, Brewton-Parker, Armstrong College, Abraham Baldwin Agricultural College, Georgia Southwest-

ern, Norman Junior College, GMA, GMC, Gordon Military College, and Truett-McConnell Junior College.

Naturally basketball is the chief sports interest in the fall and winter, and baseball in the spring. Usually basketball practice begins in early October, and students should be alert to Coach Lockhart's announcement of the first session.

Intramural sports are organized

upon a departmental basis and consist of touch football, basketball, volley ball, tennis, and ping pong, in season. Each of the eight Southern Tech departments fields a team and occasionally an organization like the Geechee Club makes up a threatening aggregation. These teams are formed into a league and percentages closely figured and kept.

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