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The Technician, Volume 4, Number 4

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January 3 Set as Registration Date For Winter Term

Students, Staff Given Additional Holiday; 280 Students Expected

Registration day for the Winter Quarter has been changed from January 2 to January 3, Director L. V. Johnson announces.

This action was taken in accordance with a similar one by President Blake Van Leer of Georgia Tech. STI now joins Georgia Tech in having an extra day that will add comfort to the return trip from bowl games.

Another change that will affect the students at STI is the termination of Mr. D. H. Slicer's services as English instructor. Mr. Slicer's resignation will bring about a loss in a friendly personality around the campus with the beginning of the Winter Quarter.

Decrease Expected

Aside from the two preceding changes, next quarter should follow a normal line, with a slight decrease in enrollment expected by Mr. G. L. Carroll and Mr. L. Y. Bryant, because of the graduation of 23 seniors at the end of this quarter.

Presented below is the 1952 Winter Quarter schedule.

January 3—Registration.

January 4—Classes begin.

January 6—Last day for registration. Last day for adding subject to study list.

February 6—Last day for dropping a subject from study list.

February 9—End of deficiency report period.

March 19—End of quarter.

March 20-25—Spring recess.

Pictures for Log Almost Completed

The annual's staff members are keeping up with their required rate of progress in order to produce on time the 1952 edition of the Technician's Log for the students.

Pictures of the faculty and students have already been made, as well as many others necessary in the publication. The leaders of the annual did not leave the STI campus to secure a photographer this year, but employed the skill of Edwin Wilensky, a student, who is also Photography Editor of The Technician.

According to the editor-in-chief, Dan Goldson, the Log is still in the infant stage but is progressing rapidly with the enthusiastic assistance of staff members.

Fight TB With Christmas Seals

Again the time has come for the people of America to join in the fight against tuberculosis through the purchase of meaningful Christmas seals.

Help Fight TB



Buy Christmas Seals

Purchase of the Seal is your assurance that a year-round, aggressive fight will be waged against the disease which destroys more human beings yearly than any other.

Buy seals and help protect the health of your family, community, and nation.

The First Christmas - - - The Birth of Jesus

And Joseph also went up from Galilee, out of the city of Nazareth, into Judea, unto the city of David, which is called Bethlehem; (because he was of the house and lineage of David:)

To be taxed with Mary his espoused wife, being great with child.

And so it was, that, while they were there, the days were accomplished that she should be delivered.

And she brought forth her firstborn son, and wrapped him in swaddling clothes, and laid him in a manger, because there was no room for them in the inn.

And there were in the same country shepherds abiding in the field, keeping watch over their flock by night.

And, lo, the angel of the Lord came upon them, and the glory of the Lord shone round about them: and they were sore afraid.

And the angel said unto them, Fear not: for, behold, I bring you good tidings of great joy, which shall be to all people.

For unto you is born this day in the city of David a Saviour, which is Christ the Lord.

And this shall be a sign unto you; Ye shall find the babe wrapped in swaddling clothes, lying in a manger.

St. Luke 2:4-20.

Christmas Holidays Extended a Day; Last From Dec. 16 to Jan. 3

Joy to the world — holidays have come!

Southern Tech staff and students will wrap up this fall quarter on Saturday, December 15, bar the doors, and take off for a Christmas holiday period lasting until Thursday, January 3, 1952, on which day registration for the winter quarter will be held.

Notice that the date January 3 is correct — and not January 2, as the catalogue states. Director Johnson announces that Southern Tech is joining faculty and students on the main campus in taking an additional day—January 2 as a holiday.

Until Thursday, January 3, then — au revoir. And may all your Christmas be bright, merry, and just right!

★ ★ ★ ★ ★

Team Managers Name All-Stars

Twenty-four men were recently selected to the 1951 STI All-Star Intramural Football Team, Mr. E. J. Muller announces. These players were chosen by team managers on the basis of skill, sportsmanship, and interest.

Names of these men and their departments follow.

FIRST TEAM

Linemen — J. W. Carmichael, Mechs; Ray Matthews, Civil; S. B. Jones, Execs; J. H. Dean, Mechs; and J. D. Gamble, Civil.

Backs—H. A. Thompson, Mechs; C. E. Rush, Mechs; L. G. Duncan, Gas Fuel; Bill Stallings, Civil.

SECOND TEAM

Linemen — Joe Pinkerton, Electrons; J. L. Minter, Mechs; H. E. Haynes, Gas Fuel; W. E. Strain, Execs; J. A. O'Neal, Electrons.

Backs — C. E. (Blue) Walden, Electrons; R. C. Stallings, Mechs; D. W. Harrison, Execs; and R. L. Brown, Execs.

HONORABLE MENTION

Calvin Wright, Builders; J. K. Carson, Gas Fuel; P. T. Martin, Gas Fuel; J. H. Tucker, Civil; W. H. Bowen, Electrons; and R. J. Douglas, Builders.

What's Your Happiest Christmas? Five STI Students Reveal Theirs

BY DAN GOLDSON

What was your happiest Christmas?

For an answer to this question, The Technician interviewed five Southern Tech students and received answers that are serious, humorous, and startling.

Perhaps the most exciting story of a favorite Christmas was offered by M. R. McGinniss, a fifth quarter student from Index, Virginia. The most humorous was by James Minter; the most startling, by Charles Russell.

In 1944, Mac (Staff Sergeant Mac) arrived in France as a replacement in G Co., 141 Battalion, 36th Division. He joined the "Texas Division" just as they moved into the Colmar Pocket to surround the German 19th Army.

On Christmas Eve of 1944, Mac was hit by mortar shrapnel and was evacuated from the front lines. That night his hospital train was

strafed by the enemy and some men were wounded.

The next morning, Christmas

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Motion Picture Makes Progress

By now every STI staff member, every student, and many alumni know that Southern Tech is producing a color, sound moving picture entitled, "The Technician in Industry." Perhaps a progress report on the film will prove of interest.

On Friday, November 29, nearly 2,000 feet of "shot" film was sent to the developers in Washington, D. C. This amount of picture material represents two weeks of night and day shooting which carried directors, photographer, and assistants into every STI department, to industrial plants all over

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23 Seniors Hope To Complete Work By Quarter's End

Exercises in March; Building Construction Leads With 7 Students

At the end of this quarter will come that long-hoped-for day for December seniors, who aspire to graduate and begin careers in industry. While no formal graduation exercises will be held until March, nevertheless this group of newly made technicians will be ready to take their places in the world of work, provided all graduation requirements are met.

The Building Construction Department leads in the number of graduates with seven, while Civil Technology is next in line with four. The Electrical and Mechanical departments boast three each, and Electronics and Radio and Gas Fuel present two each. Heating and Air Conditioning and Industrial follow with one apiece.

Several from Out of State

From the school's own state comes the largest number of students to finish this time, with Griffin, Valdosta, Macon, Bolton, Aragon, Austell, Ft. Valley, Norman Park, McRae, Woolsey, and Atlanta being represented. A total of four states including Georgia, comprise the habitats of the graduating seniors. Two students hail from Virginia while Illinois and North Carolina follow with one each. Illinois holds the distance record for this quarter.

Here is a list of the candidates and their home towns, listed by their respective departments:

Building Construction

A. E. Bridges, Jr., Atlanta; A. L. Caldwell, Richmond, Va.; R. J. Douglas, Griffin; W. F. LeFiles, Valdosta; S. D. Sertich, Atlanta; B. M. Shives, Atlanta; and Calvin Wright, Atlanta.

Civil Technology

R. A. Bowen, Macon; A. J. Bradley, Warne, N. C.; M. H. Cooper, Atlanta; and J. A. Hudson, Bolton.

Electrical

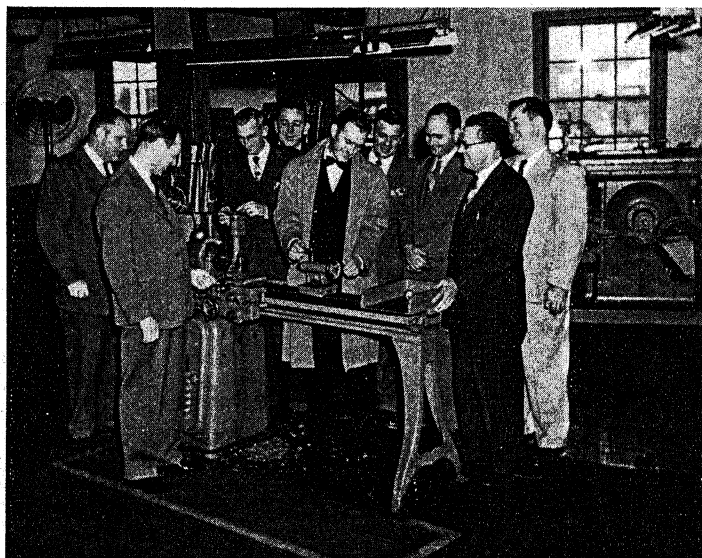
J. W. Farley, Abingdon, Va.; W. R. Noles, Aragon; and J. D. Werbin, Atlanta.

Electronics and Radio

R. H. Briard, Austell; and W. E. Norton, Ft. Valley.

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Educators From Atlanta, DeKalb and Fulton Counties Visit, Study STI



DeKalb County Schoolmen Visit STI

Pictured in STI's General Metals Shop are Principals J. E. Clowdis, S. E. Goble, J. E. Burgess, John Cragg, J. F. Goolsby, W. L. Colombo, and G. L. Brookshire; and Messrs. E. V. Bracewell and Sam Moss, of the DeKalb Board of Education office.

Three groups of outstanding educational leaders from the Greater Atlanta area visited the campus of the Southern Technical Institute within the last month.

Their purpose was to see what the Institute is, what it does, and how it achieves its results. Director L. V. Johnson and other members of the staff personally conducted the visitors through all departments of the school, introduced them to the faculty, showed them equipment and other facilities, explained to them the level of the technician's education and what it comprises, and made clearer the function of the technician in industry.

Mr. Johnson stated that members of all three groups assured him that they enjoyed their visit and their lunch and had gained a much better understanding of the technical institute type of education.

The seven visitors who came on November 14 were from the Atlanta School System and included

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The Technician

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

(The Southern Technical Institute is the Georgia Institute of Technology's two-year, coeducational, boarding unit located at Chamblee, Georgia. STI was established in March, 1948, to train technicians for industry in these eight fields: Building Construction, Civil, Gas Fuel, Electrical, Electronics and Radio, Heating and Air Conditioning, Industrial, and Mechanical.)

The Technician welcomes criticism, suggestions, and contributions, but insists that these communications be signed and limited to 300 words.

THE STAFF

Aubrey Bone ----- Editor-in-Chief
Edwin Wilensky ----- Photography Editor
John S. Jerome ----- Art Editor
Ray Mathews ----- Sports Editor
C. C. Russell ----- Club Editor
Dan Goldson ----- Feature Editor

ASSISTANTS

T. C. Stevens, Billy Bates, Donald Voyles, John Cook, Sam Thomas, George Muckenfuss, Grady Sizemore, Homer Smith, W. L. Stallings.

Faculty Advisers

L. Y. Bryant, J. A. Nattress.

Member

Associated Collegiate Press

Education - - - A Refining Process

BY D. G. McINTIRE

Student Counselor, American School

Of all the synonyms the dictionary gives for education, the word "refinement" seems to convey, better than all the rest, what education does for us—and TO us.

Refinement is a process to improve quality, and to increase value. There would be no automobile were it not for the refinement that turns crude oil into gasoline. Even gold must be refined before it appears in its most valuable forms. And the many thousands of uses we have for iron and steel are possible only after many stages of refinement.

Let's take a bar of plain iron valued at \$5.00. With a little processing we can make that bar into horseshoes worth \$10.50. We carry the refining process further and produce sewing machine needles that will sell for \$3,285.00. Up to this point our refining process has paid off tremendous dividends. But we can go still further and make balance springs for watches. Now, our \$5.00 iron bar is worth—hold your breath—\$250,000.00.

Astonishing, isn't it?—what a tremendous difference this refining makes in the worth of a piece of iron. But look what it does to the student who adopts education as a personal refining project. Not only does he get the tremendous dollars and cents value—education has paid off a lot more than \$250,000.00 in the lifetime earnings of many a student—but there are many other rewards, some of them too great to be measured in dollars and cents.

Let's take a look at just a few of the invaluable by-products of home-study refinement.

Initiative—The power to start something to lift you out of the class of those who must be told what to do next.

Honor—The fulfilling of the obligation to yourself to complete your course.

Courage—Overcoming the obstacles that stand in the way of your study program.

Will Power—Something you must delegate to every purpose in life—and which you strengthen with every obstacle you overcome.

Loyalty—To yourself to complete the project you have embarked upon. ("To thine own self be true . . . thou canst not then be false to any man.")

Truly, these are "pearls of great price," but of such great price that no one would attempt to set the figure. If you would try, just consider which one you would give up in exchange for \$250,000.00. That will give you some idea of the power of refinement that is education.—American School News.

Covering the Campus

With Aubrey Bone

Merry Christmas and a Happy New Year from all the students to the faculty. (One more wish from the students is that the pros will take it easy on the finals.)

Larry Parlett seems to think that snow and cold weather are a prerequisite of Christmas — so back to Yankeeland for Mr. L. P.

Well, everyone probably agrees that this has been an interesting and prosperous quarter. The Mech Club made it interesting with a darn good dance, and the instructors made it prosperous by pounding knowledge into the unlearned. Many thanks to both factions.

By the way—let's all put forth an earnest prayer to help the December Grads along their way as they go out to face this cruel world. Its plumb pitiful that they won't have any more term projects to entertain themselves with.

Jim Maxey claims that 90 per cent of the fathers who attend their children's recitals actually don't like music but enjoy watching their children display skill and knowledge.

Well, that leaves a good opening

to compare fathers, children, students, and school basketball teams. If you don't like basketball, why not take pride in your team's skill and knowledge of the game. Come out to the games—your friends will be there.

If any of you fellows missed seeing Mr. Fred Lewis when he visited the campus recently, you'll be interested to know that all is well with the Lewis Enterprises (family and business, inclusive.)

Mr. Browning offers this bit of wisdom for meditation by his ET. 32 class — If coincidences happen often enough, one must necessarily cease to consider them as such.

W. O. Snellings is in line for a handful of congratulations because of his impending marriage to a home-town girl.

No report has been received yet on the number of cameras that were broken while snapping the pictures for the annual. One student, Dan Goldson, claims his face won't break a camera. It won't even stop a clock, but it sure seems to slow them down.

The Corn Crop

As It Was Gathered

BY BILLY BATES

YOU CAN'T WIN. The quatrain which follows is the work of a Pittsburgh poet and is addressed to everyone who thinks his Christmas list is complete:

"Each Christmastide I scatter wide
Yule cards as a memento,
But those to me are sure to be
From folks I haven't sent to."

This Week Magazine

—STI—

IT'S A SHORT LANE
THAT HAS NO TURNING!
IT'S ON OLD JANE
WHO HAS NO YEARNING.

When a doctor advises a man to avoid all forms of excitement he means the excitement of all forms.

Some men look down at the heel
—others look a little higher up.

Plaxico Pixie

—STI—

FEMININE QUIRKS

What do girls look for in boys? This was the question asked of coeds at the University of Kansas by the University News. Some of the answers:

"One, has he got a car? Two, a fellow that treats me like a lady and takes someone else into consideration besides himself. Three, two big arms . . ."

"Gee, I guess I look for those broad shoulders . . ."

"The first thing I look for in a boy is good personality. Next, I usually think about his probabilities for future success. Last, and least, comes his looks."

"I look for their more personal qualities like a car, money, etc. You know!"

—STI—

STILL WONDERING

Old Maid: "I hate to think of my youth."

Brute: "Why, what happened?"

Old Maid: "Nothing."

—The Flow Line

—STI—

Sophomore: "When I first came here I was pretty conceited, but the other students knocked that out of me and now I'm one of the nicest fellows in the whole college."

—STI—

SHE'S TOOTIN'

Rosie: "Would you indulge in bigamy if it were permitted by law?"

Mazie: "Would I? I'd just love two."

—The Flow Line

—STI—

Voice on phone to hotel clerk: "Send some pepper up to my room, please."

Clerk: "Pepper! Do you realize it's 2:30 in the morning? The dining room is closed, and there's no place to get pepper. By the way, what in the world do you want with pepper at this hour?"

Voice: "Vot does anybody vunt with toilet pepper at 2:30 in the A.M.?"

—Parts Pup

—STI—

Bride — "How do you like my pumpkin pie?"

Hubby — "It's just like mother used to make—when she was mad at dad."

—Two Bells

—STI—

QUIPS AND QUOTES

"Good morning, ma'am," said the courteous service man, "I'm from the electric company and I understand there's something in the house that won't work."

"That's right," said the lady at the door. "He's upstairs in bed."

—Two Bells

—STI—

NICE GOING

One: "Is he a nice boy?"

T'other: "No, dear, you'll like him."

—The Flow Line

—STI—

The teacher was explaining an algebra problem. "And now," she said, "after completing the equation, we find that 'x' equals zero."

"Ye gads!" said a pupil. "All that work for nothing."

Keeping Christmas

By Henry van Dyke

It is a GOOD THING to observe Christmas day. The mere marking of times and seasons, when men agree to stop work and make merry together, is a wise and wholesome custom. It helps one to feel the supremacy of the common life over the individual life. It reminds a man to set his own little watch, now and then, by the great clock of humanity which runs on sun time.

But there is a better thing than the observance of Christmas day and that is keeping Christmas.

Are you willing to forget what you have done for other people and to remember what other people have done for you; to ignore what the world owes you and to think of what you owe the world; to put your rights in the background and your duties in the middle distance and your chances to do a little more than your duty in the foreground; to see that your fellow-men are just as real as you are and try to look behind their faces to their hearts, hungry for joy; to own that probably the only good reason for your existence is not what you are going to get out of life but what you are going to give to life; to close your book of complaints against the management of the universe and look around you for a place where you can sow a few seeds of happiness — are you

willing to do these things even for a day? Then you can keep Christmas.

Are you willing to stoop down and consider the needs and the desires of little children; to remember the weakness and loneliness of people who are growing old; to stop asking how much your friends love you and ask yourself whether you love them enough; to bear in mind the things that other people have to bear on their hearts; to try to understand what those who live in the same house with you really want, without waiting for them to tell you; to trim your lamp so that it will give more light and less smoke and to carry it in front of you; to make a grave for your ugly thoughts and a garden for your kindly feelings, with the gate open — are you willing to do these things even for a day? Then you can keep Christmas.

Are you willing to believe that love is the strongest thing in the world—stronger than hate, stronger than evil, stronger than death—and that the blessed life which began in Bethlehem nineteen hundred years ago is the image and brightness of the Eternal Love? Then you can keep Christmas. And if you keep it for a day, why not always? But you can never keep it alone.

Babies! Babies! Babies! Three Of Them Born to STI Folk in a Month

Babies! Babies! Babies!
Yes, three of them — all girls—were born to Southern Tech faculty folk within the last month. To better acquaint our readers with these young ladies, The Technician records a few interesting facts about each vital statistic. (The arrangement is chronological according to time of arrival.)

Tax Exemption 1

Name — Terrell Lynn Slicer (Sobriquet, Terry)

Parents — Prof. and Mrs. Douglas H. Slicer, of 4130 Bamby Lane, Chamblee.

Point of Arrival — Crawford Long Hospital.

Time — Afternoon of November 19.

Weight — 7 pounds, 14 ounces.

Condition of Father — Recuperation effected by now, but the report is that after the event Mr. Slicer went home and went to bed — ill from nervous tension.

Comments — Had the offspring been boy or girl, its name would have been the same — Terrell (or Terry) — so ingenious were the Slicers in their choice.

Parenthood not new — one other daughter.

Vital Statistic 2

Name — Peggy Elizabeth Lewis

Parents — The Fred Lewises, of 2811 Fourth Street, Chamblee.

Point of Arrival — Crawford Long Hospital.

Time—November 23.

Weight — 8 pounds, 3 ounces.

Condition of Father—Physically exhausted, run down; suffering from that used-up feeling.

Comments — Though Mr. Lewis resigned in September, he is yet so much a part of STI that he and his new boss are included in our story.

The Lewises also learned much from another daughter.

Offspring 3

Name—Deanne Lee Halstead.

Parents — Prof. and Mrs. W. R. Halstead, Tech - Lawson Apartments, Chamblee.

Point of Arrival — Emory University Hospital.

Time — Morning of November 28.

Weight — 6 pounds, 15½ ounces.

Comments — As do the Slicers and Lewises, the Halsteads also have another girl.

Advice to All—

Here is a fact

That is unmistakable;

The second baby

Doesn't seem so breakable.

Over-all Comments — A rumor is going around that these professors and men of science have recently become washers of things, crooners of lullabies, floorwalkers,

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ALUMNI NEWS

Gerald Heulitt, BC Graduate, Makes Lucrative Career in Architecture

It is a pleasure for The Technician to pass on to STI students, staff, and alumni this letter from the irrepressible Gerald Heulitt, MP Supreme and graduate of Building Construction Theology of several quarters ago.

Dear Mr. Wilkinson,
Thought I had better drop you a few lines and explain the enclosed card.

You read the card right when it stated that my job title is Architectural Engineer. I've been working at this job since the 13th of last March, and so far have been able to handle anything given to me. Getting the job was quite a windfall, and I didn't expect to land it. The job was given to me through the results of a C.S. exam. I don't know if many of the other STI men have looked into C.S.; it is a good deal.

At present I'm rated at a G.S. 9 with a base pay of \$5,060 per year; also am due for a raise in March. I've been with quite a few firms since I left school and find that

"good ole STI" fitted me out fairly well. On this job I've been doing everything — specification writing, designing, field work, and a lot more.

Look forward to the "Technicalities" with "great glee." It's nice to know what the rest of the STI boys are doing. Keep it up. Give my best regards to everyone, and I hope to see you all some of these days.

Yours truly,
G. T. Heulitt

P.S.

Congratulations on the girl; wish you the best of luck. The way things look now I'll be taking the plunge sometime this spring, will be engaged this Christmas.

G.T.H.

CLUB NEWS ROUNDUP

Camera Club Sees Slides; Invites Larger Membership

By C. C. RUSSELL

At the regularly scheduled meeting of the Camera Club on November 29 a host of 35 mm color slides were shown. These color slides were taken by a friend of two members of the Club while he was touring the West from Mexico to Canada. These shots were very beautiful as well as interesting.

The Camera Club wishes to point out that in order to become a member one need not have a knowledge of the art of photography. Indeed not, for some of our present members started from "scratch."

If you have a genuine interest in the process of developing and printing, such as is done in today's camera shops, then contact Bob Berry, Russell Chiselbrook, or any other member of the Camera Club—a club which has its own facilities right here on the STI campus.

Presidents' Club Plans Action in Winter Term

At the last regular meeting of the Presidents' Club the election of the fall quarter officers was held. The following men were chosen to head the Club for the quarter: Bill Tiencken, president; Charles C. Russell, vice-president; and Hubert Adamson, secretary and treasurer.

The Club had its quarterly party along with the Civil Club at the Tech YMCA camp and was thoroughly enjoyed by everyone.

The Presidents' Club hopes to become active once more when the club hour is restored for the winter quarter.

Membership in the Presidents' Club is open to any president or past president of any club on the Southern Tech campus.

Alpha Beta Graduates To Be Party Guests

As the quarter drew near its end, final plans were made for the annual club party in honor of the graduating Alpha Beta members. The party was held on the night of Friday, December 7, at the Georgia Tech Y.M.C.A. and much fun was had by everyone present. Ample entertainment and refreshments were on hand for all.

Attention, all you members who recently ordered keys; they have now come. Be sure to see Treasurer Frank Ittner right away and get yours. Every member should consider it an honor to own an Alpha Beta key.

The presence of the graduating seniors will most assuredly be missed by the entire Club. The best of success is wished for each graduate as he endeavors to find his position in the building construction industry.

23 Seniors Hope To Graduate

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Gas Fuel

F. W. Duntemann, Chicago, Ill.; and H. O. Simpkins, Atlanta.

Heating and Air Conditioning
R. S. Mettam, Atlanta.

Industrial
E. L. Willis, Norman Park.

Mechanical
R. D. Camp, McRae; L. H. Culver, Atlanta; and B. S. Jackson, Woolsey.

The Technician wishes the best of luck to these representatives of STI as they go out to make a name for themselves as well as the school.

E & R Club Conducting Code Classes at STI

There are only eight members in the code class being conducted by the Electronics and Radio Club, but it is hoped that this number will increase soon. In getting an amateur radio license, one will find that code is a very necessary part.

The Club's new year's resolution is to get the transmitter back on the air.

Electrical Club Sees Movie on Sonar, Radar

The Electrical Club met for the last regularly scheduled meeting of the fall quarter on November 27. A very interesting film was shown to the club members and guests. The film was concerned mostly with the very basic theory of sonic and radar and some of their applications. Nothing complicated or involved, just an entertaining, educational movie.

New officers of the club for the winter quarter will be elected shortly. Look for their names in the next issue of *The Technician*.

In spite of the fact that no members of the ET and E & R departments' football team, the Electrons, were voted to the ALL-STAR team, they have had a pretty successful season up to date. The Electrons have beaten the Execs and Surveyors but lost to the Mechs, a game decided by luck rather than skill.

Prominent Persons Visit STI Campus

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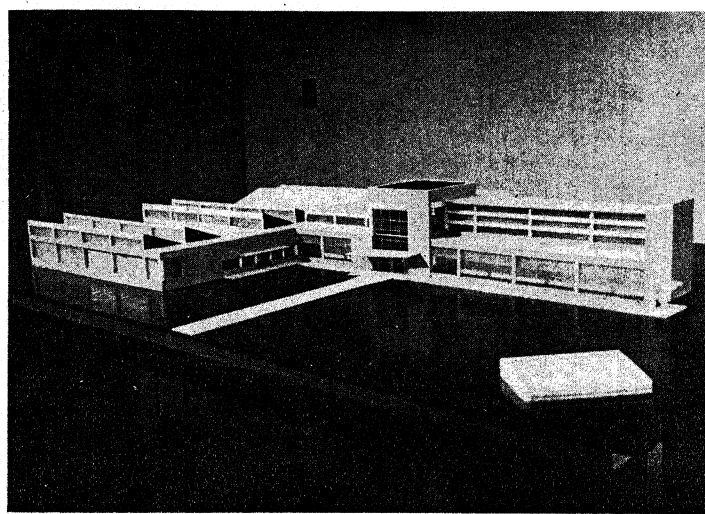
Mr. E. L. Floyd, co-ordinator between Atlanta high schools and the colleges; Principals A. G. Martin, Brown High; and J. E. White, Fulton High; and Counselors Mrs. E. Y. Howard, Smith High; J. J. Kidd, Brown High; J. A. Walls, Grady High; and E. O. Allain, Sylvan Hills High.

During the next week a group of 9 from the DeKalb County School System visited STI. These were J. E. Clowdis, principal, Southwest DeKalb; S. E. Goble, principal, Druid Hills High School; J. E. Burgess, principal, Avondale High; John Cragg, principal, Clarkston High; J. F. Goolsby, principal, Tucker High; W. L. Colombo, principal, Lithonia High; and G. L. Brookshire, principal, Stone Mountain. Also the DeKalb County Board of Education office was represented by Messrs. E. V. Bracewell and Sam Moss.

8 Represent Fulton County

These eight men and women from the Fulton County School System were STI's visitors on November 28: Mr. Ben H. Hutchinson, principal, College Park High School; Mr. G. W. Adams, principal, Roswell High; Miss Frances Spratling, assistant principal, Roswell High; Mr. Emory S. Lunsford, also of Roswell High; Miss Helen L. Smith, of Hapeville High School; Mr. O. L. Wootten, principal, Campbell High; Mr. Linton Deck, principal, Russell High School; and Mr. Douglas H. Purdie, assistant principal, Russell High.

Director Johnson expressed his appreciation to all 24 of these school people for their coming to STI and extended to them an earnest invitation to use Southern Tech, its staff, and facilities at any time they were needed.



Design Work of BC Students

By Building Models Students Solve Many Actual Problems

By GEORGE MUCKENFUSS

This article has to do in general with the work of one of Southern Tech's eight departments—Building Construction Technology—and in particular with one phase of this work—that of building design.

As most STI students probably know by now, it is the task of all Building Construction students to design and build the model of a house. When this problem confronts the students, they get their first real taste of architectural drawing. The nature of the house to be designed varies from quarter to quarter. For example, this time the problem was to design a conventional type, a hip-roof affair with used brick serving as a veneer.

Design for Mr. Sturgis

It happened that Mr. Horace W. Sturgis, the associate registrar at Georgia Tech, and his wife were going to build as soon as they found the right design. So it worked out that the job of designing their dream house was thrown to Department Head C. R. Orvold's budding draftsmen.

The first step in designing a house is to draw up a presentation drawing. This drawing shows the floor plan, two elevation or two dimensional views, and a perspective or three dimensional view. The purpose of this is to present to the client as nearly as is possible a picture of the finished product. The use of colors and sketching in of furniture further help to convey to the layman the exact idea that the architect has.

The design presented by Thomas Storey was selected by the Sturgises as being nearest to the idea that they had in mind. Tom is now drawing up the complete set of plans, or working drawings, as they are called.

Mr. Orvold's Designs Used
Mr. Orvold's main job is forcing knowledge through the B.C. stu-

dents' craniums, but in addition to this he has turned out some commendable work of his own. He has designed a Pure Oil station, the one on Clermont Road near the Buford Highway, as well as many dwellings.

Just recently he finished designing a house for Mr. G. L. Crawford, the model of which will be built by the students this quarter. Mr. Muller, head of the Drawing Department, has designed a house for himself, a model of which will also be made this quarter. These two, along with the model for Mr. and Mrs. Sturgis, will be completed by the Christmas recess.

By building models of houses that will actually be constructed, as is true in these cases, the work can be followed on the job. By seeing the house built in full size and in reality, the student comes much closer to actual experience or the job than if the student's work ended with the building of a mere scale model.

Steel and Concrete Follow

In the two remaining quarters that follow dwelling-house design, courses in the design of steel and concrete buildings are offered. You might say this is where the fun begins. The main idea in these two courses is to design the skeleton of the building. In other words,

Hour for Club Meetings Begins Again Next Term

The hour which was set aside last year for club meetings but which was discontinued this fall will be restored, beginning with the winter quarter in January, Director J. V. Johnson announces.

Mr. Johnson states that since the Student Council and so many club officers had requested the hour, the Administrative Council was unanimous in granting the request. Council members feel that the hour can serve an excellent purpose and desire to see it used advantageously.

Probable Hour, 1-2

Full details have not been worked out, but the hour will probably be from 1 to 2 P.M. on Thursdays. Club officials and leaders of other campus organizations can proceed with their plans for a definite meeting time.

Whether the Administration will continue to be responsible for assembly programs on certain of the days depends, Mr. Johnson says, upon the amount of interest expressed in them. He points out that it is not fair to the school or the visitor to invite outstanding persons to STI to speak before empty seats.

In designing a building each beam and column is considered as to the load to be placed on it; and knowing this, it is possible for the size of the member to be used.

It is hoped that some day Southern Tech will vacate its present location and move into permanent buildings of its own. In the past, some students have turned in very excellent designs for college buildings. Who knows but what some student may design one of the buildings that will comprise Southern Tech's future home?

The greatest of faults, I should say, is to be conscious of none.

—Thomas Carlyle

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THE SPORTS FRONT

With Ray Matthews

CAGE SEASON OPENS

The first varsity game of the year wasn't worth commenting on.

With the intramural sports having dominated the "Sports" around Southern Tech all fall quarter, the intercollegiate have been overshadowed. But, now the tide has turned. The Southern Tech Gym was the battleground. The annual opening "shot" was fired on the night of December 1, when our own Green Hornets met and defeated G.M.A. on the home court by a score of 41-29.

Team in Good Shape

Coach C. A. Arntson has worked his team hard, and they were in good condition for the first home game. Captain Hodges, Alternate Captain Dyer, McDaniel, Martin, Miller, Melton, and Maxey were the big guns turned on G.M.A., along with several of the freshmen who have yet to prove themselves.

As with most teams our Green Hornets need the support and backing of their fellow classmates.

When there is someone on the sidelines urging you on it is easier to do your best for your school.

NAVY LIKES SPORTS

The Navy was recently seen knocking heads over on the parade ground. This is a familiar sight to many of the Southern Tech students who, in their high school days, did much of this very thing themselves. But the Navy practice was more comical than it was serious, as it had probably been many a day since any of their players had even had on a football uniform. An amused group of Southern Tech students watched the proceeding from "our side of the fence."

FOOTBALL ENDS

The intramural football program has drawn to a close with the Electrons on top. Mr. E. J. Muller should be congratulated upon his direction of such a successful program. Also, the team managers should be very proud of their teams' making such good showing in the program.

What Was Your Best Christmas?

Continued from Page 1

day, Mac awoke for the first time since being injured. His eyes fell upon several pretty Red Cross nurses standing around the bed offering him Christmas packages. This, in itself, must have truly been a happy sight for Mac. To be away from the fighting, to be alive, to be watching pretty nurses, and to receive nice presents. But to his great astonishment, in walked a boyhood friend from Index, Virginia. Yes, Capt. James Loew was the Army doctor assigned to Mac's ward.

We are sure that no one can understand the happiness in Mac's heart at that moment, for this doctor was the first person that he had met since leaving the United States whom he knew personally.

Some Are Humorous

Entering into humorous Christmas experiences, The Technician found that James Minter considers his happiest as the one that will come about 1960, when he has a beautiful wife, a new Cadillac, and a house full of children.

Since Christmas is a time of giving, George Muckenfuss' happiest Christmas casts a derogatory reflection on the Physics Department. His top experience occurred last year when he received a passing grade in physics. His grade wasn't meant to be a gift, we're sure, but he considers it as such. Paul Carter and George Lopp came up with experiences which are easily understandable. Paul was discharged from the Navy on Christmas Eve of 1947, after having served 21 months sea duty without leave.

No 1.7 Required

George remembers a childhood

experience when he received a bicycle. His and his brother's agreement with Santa was to make good grades in school all year. His brother complied with the requirements but George failed. Guess what was under the tree on Christmas morning? Yes, two bicycles.

The surprise story was the one concerning an impending marriage between Charles Russell and a lovely young maiden. Charles says the scheduled event didn't take place, and that is why he considers it his happiest and luckiest Christmas.

Stork Visits 3 Faculty Folk

Continued from Page 2

and fixers of formulas. No confirmation, however.

Serious Talk — Congratulations to these three couples upon their good fortune and resultant happiness. Congratulations to the three prima donnas for choosing such swell parents.

Blessed is the man who, having nothing to say, abstains from giving wordy evidence of the fact.

—George Eliot

It is the highest form of self-respect to admit mistakes and to make amends for them.



'Tis a Great Game, Men!!

Hornets Lose Opener, 51-50; Dyer Shines Against Cadets

The first varsity game of the 1951-52 basketball season found the Green Hornets taking the hardwood against Southern College of Pharmacy on the Atlanta YMCA Court.

Coach Arntson placed Captain Hodges and Melton at guards, McDaniel and Maxey at forwards, and Dyer at center. Because the Hornets couldn't seem to hit the bucket with that combination, Martin was sent in to replace McDaniel and add some scoring punch. Even this didn't work, and the score remained 10-10 at the quarter.

Hornets Fail to Click

Coming back in the second quarter, the STI team fell all apart—offering no opposition to the opponents' attempt to score, and the score read 32-18 at the half in favor of the Druggists.

Coach Arntson put the pressure on our boys, and they really got hot to pull the score up to 38-34 when the horn sounded for the end of the third quarter. Captain

Hodges was shown to the showers toward the last of this period because of his insistence that better officiating should prevail.

The rest of the game was nip and tuck, as Dyer and Melton poured shot after shot into the hoop to make the score read 51-50 in favor of SCP at the close of the game. Siegel was the big gun for the Pill Rollers with 22 points.

STI Takes G.M.A.

The next night, December 1, the Technicians met G.M.A. for the first home game. The Hornets took the court with a mighty up-rear from the large crowd of STI students (about 35).

Again, they couldn't get rolling even with Martin replacing McDaniel in the lineup. And again, Dyer was hot, scoring the first eight points for the Hornets. Maxey and Hodges were outstanding in the second quarter, as Hodges passed to his teammates exceptionally well, and Maxey waited under the basket to tip the "near-misses" into the bucket. The Hornets left the Court at half-time with a 12 point lead.

GMA Outclassed

Coming back at the half, the G.M.A. Cadets seemed to be completely outclassed by the stinging shots of the Hornets. As the third period ended, the starting lineup withdrew from the court and the subs entered to keep running the score skyward.

Charlie Ray, substitute forward, was deadly accurate during the last quarter. The game ended with the Hornets out in front 79-41.

In the "B" game Saturday night against the Cadet Bees, Ray and Stanley stood out as excellent varsity material. STI won this game also, by a score of 34-25.

Electrons First, Mechs Are Second As Football Ends

With the Technician sports staff taking a chance on an error due to protested games and general confusion, here are the Intramural Football final standings (subject to corrections by Mr. Muller).

The Electrons won first place by presenting to their opponents a group of boys who wouldn't take no for an answer. After losing the first game, they bounced back to win all the rest.

Running the Electrons a close race for first place were the Mighty Mechs who lost one and tied one to give themselves a second-place berth. The Mechs were practically assured of the championship until they met the Execs in the last game of the season. It was a heart-breaker for the Mechs, who lost 2-0.

On the basis of their victory over the Mechs, the Execs landed in third place losing two games during the season. Penalties seemed to plague the scoring punch of the Builders but even errors don't always create a loss.

Football Is Over Campus Basketball Scheduled for '52

Hang up the cleats and bring out the rubber-soled basketball shoes! With the beginning of the 1952 Winter Quarter, all eight departments at STI will be expected to engage in the intramural basketball games.

The practice dates for each team will be announced January 3, registration day, so that the managers may begin whipping their teams into shape. The actual schedule of games will be announced January 9, by Mr. Muller, who has promised to work out a schedule to suit everyone.

As all seniors remember, the Mechs won the seasonal games last year, but were tied by the Gas Fuel team in the play-offs. No one can predict the outcome of these intramural sports but judging from the results of the softball and football season, the Surveyors, Mechs, and Execs should hit the hardwood with sharp, fast, and accurate teams.

Progress Report On STI Movie

Continued from Page 1

the city, and to construction projects as far away as the Buford Dam.

After the film has been developed and returned, there remains the job of previewing and editing and possibly a number of retakes before the finished product will be ready for showing.

The film will be used for educational purposes to give the public and prospective students a better knowledge of what a technician is, what his training consists of, and what he does in industry.

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