

Between Us Coeds

Coed Barbara Hudson (right) Welcomes Coed Ruth Elliott (left) to STI Campus

Miss Elliott's Arrival Welcomed; Coed Enrollment Now Doubled

Southern Tech's coed enrollment, having recently experienced a critical slump, has regained its former prestige by increasing its number to the former all-time high of two.

Latest addition to this select group comes in the person of Miss Ruth Elliott, an attractive brunette from Rome, Georgia. Miss Elliott is a very likable young lady with quite an interesting background, having worked here in Atlanta with the Georgia State Employment Service, in the Canal Zone as a civilian employee with the Sixth Air Force, and in Washington, D. C., with the Federal Communications Commission.

More recently, Miss Elliott has entered into business with her brother and father in their home town of Rome, and it is in direct relation to their business that she is now enrolled here at Southern Tech. Their business, which is actually composed of three separate corporations, is in the land development and building construction field, and, in order to become more efficient in certain phases of her work, Miss Elliott is taking Technical Drawing 11 and Arch 31 here

Log Staff Works But Keeps Quiet

Affairs concerning *The Technician's Log*, Southern Tech's yearbook, have reached, on the one hand, the secretive, mysterious, hush-hush stage and, on the other, the frantic, feverish, deadline-reaching period of activity.

Members of the *Log* staff are holding themselves incommunicado. They ain't talking, see! Yes, they smile, assume the defensive, look mysterious, hem and haw, and finally say teasingly, "We know plenty, but we can't tell."

Even Miss Barbara Hudson, attractive *Log* editor, was very vague about cover design, dedication, and

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at Southern Tech, and a course in free-hand drawing at the Georgia Tech Evening School. She has quite a schedule, what with coming to Atlanta to attend classes on Tuesdays, Wednesdays, and Thursdays, and keeping her work up to date on the other days of the week.

Miss Elliott expressed a highly favorable impression of Southern Tech, and it's a certainty that she is making a like impression in return. Her schedule permitting, she would be most welcome to join Barbara Hudson, our other coed, in injecting the feminine touch into our campus activities.

Technician Wants Student Opinions

The *Technician* plans to begin a new feature similar to "Republic of Letters," "Letters to the Editor," or "Open Forum," in which students may express their views on any topic they choose—school, state, national, or international.

Editors of your paper do not object to controversial subjects and discussions. If you think that the United States has no business in Formosa, that the national budget should be balanced, or that a sales tax in Georgia is objectionable, tell everyone why through the columns of *The Technician*. If you feel that some improvement could be made in the method of doing something at school or that your plan for building better student spirit at STI will work, publicize your thoughts and plans.

Student participation is what we want. Make it lively and convincing. *The Technician* asks only that you be fair, just, and informed regarding your topic and its presentation.

Write your letters for the next issue (deadline, February 15) and drop them into the Suggestion Box in the lobby of Building 24 or give them to Tom Thrasher, editor.

March 18 Chosen Graduation Date For STI Seniors

87 Men in 7 Departments To Be Awarded Diplomas; Speaker Not Yet Chosen

Time of the graduation exercises for Southern Technical Institute December and March graduates has been set as Saturday morning, March 18, 11 o'clock, in the Naval Air Station theater, Director L. V. Johnson announces.

Eighty-seven students—36 from December and 51 from March—will receive diplomas in 7 technologies. Fifteen of these will finish in Building Construction, 3 in Civil, 11 in Electrical, 19 in Electronics and Radio, 8 in Heating and Air Conditioning, 9 in Industrial, and 22 in Mechanical.

The speaker to deliver the commencement address has not yet been chosen, but Mr. Johnson states that he will be a man outstanding in the educational field.

Full announcements concerning this important event will be made in a future edition of *The Technician*.

Honor Men Change Eligibility Rule

The Tau Alpha Pi Honorary Society of Southern Tech held its first meeting of the winter quarter Tuesday, January 10. Mr. W. F. Lewis, the new faculty advisor, conducted the meeting during the election of officers.

Newly elected officers are W. D. Behlmer, president; H. T. Kalb, vice-president; and R. E. Moore, secretary-treasurer.

Clause A of Section 2 of the Constitution was amended to read as follows:

"All students of the Southern Technical Institute who have completed 30 credit hours and have an overall point average of 3.00 will be eligible."

Admission Made Fairer

"Active members shall be chosen on a basis of sound technical ability, scholarship, and personality and shall be selected after they fulfill Clause A Section 2."

This amendment, President Behlmer points out, eliminates the old requirement of a 3.0 average for

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STI Enrolls 386 Students; 53 Register for First Time

Veteran Enrollment Continues Decrease; Mech Department Leads With 77 Students

January 1, 1950, witnessed the beginning of the second half of the twentieth century. January 2, 1950, also witnessed the beginning of the eighth quarter of existence of the Southern Technical Institute. At the end of the registration period, one week later, there was a total enrollment of 386 students. This number was a decrease of 6% from the preceding quarter's record enrollment of 413. Fifty-three of these students are embarking on their first quarter's work.

265 Are Veterans

Of the total enrollment 265 students are veterans, leaving 121 non-veteran students. Each quarter the percentage of veterans has been decreasing, the number of non-veterans increasing, which is the case this winter quarter.

Ninety-eight non-veteran students are residents of Georgia, and 209 veteran students are Georgia residents. The seventy-nine out-of-state students, constituting 20.5% of the total enrollment, represent 17 states and two foreign countries. These states are Alabama, 7 students; Arkansas, 1; Colorado, 1; Florida, 11; Idaho, 1; Illinois, 1; Iowa, 1; Maryland, 1; Michigan, 1; North Carolina, 17; New Jersey, 2; New York, 1; Ohio, 3; South Carolina, 11; Tennessee, 10; Texas, 1; Virginia, 5. The two foreign

Two-hundred forty-four of the veteran students are studying under Public Law 346, the other 21 under Public Law 16.

Seven students transferred from Georgia Tech Evening School; one from the Georgia Tech Day School.

Mech Department Leads

The Mechanical department again leads with 77 students, 19.9% of the total enrollment. The Building Construction department is second with 75, 19.4%; the Electronics and Radio, third, with 7, 18.4%. With 53 students, 13.7%, the Heating and Air Conditioning Department is fourth, followed by the Electrical department with 41, 10.6%. The other 18% is constituted by the Industrial, Civil and Gas Fuel departments.

New Editors Take Over Technician

Thomas I. Thrasher, third-quarter IM student from Atlanta, takes over the editorship of *The Technician* with this issue. The position was left vacant upon the graduation of W. G. Rankin, who held the post for two quarters.

H. D. Harrison, formerly an editorial assistant on *The Technician*, becomes associate editor of the school paper to fill the place left vacant by Mr. Thrasher. Mr. Harrison, a resident of Chamblee, is a third-quarter student of Industrial Technology. Before coming to STI he attended Penn State Extension.

Both of these appointments are subject to the approval of the Activities Committee.

In addition to W. G. Rankin, J. E. Turner and James F. Henderson were lost to the staff through graduation, and E. J. Peterson, sports editor, failed to return to school for the winter quarter.

The Technician heartily welcomes several new members to the staff and looks forward to much help from them. Among these are J. F. Denney, Frank D. Bosson, Troy Gullette, John Vanko, and B. E. Alexander, former sports editor for *The Technician*.

Inside STI

Sign over office door after exams: "If anyone failed, it was probably you."

S - T - I

Overheard as ex-Marine left closed door behind which "slow men" were at work on exam papers: "Looks as if the English department is secured."

S - T - I

Seen on dining hall bulletin board—nude torso of beautiful woman, under which some wag had written: "Study in geometry—solid!"

S - T - I

Student on test gives this advice—"If at first you don't exceed, try until you do exceed." countries are Nicaragua and Costa Rica.

80 Pct. of STI's December Graduates Already on Jobs in Southern Industry

By H. D. HARRISON

Repetition is generally monotonous, but this is the kind of repetition that all of us will appreciate. STI graduates are again well received by industry. Of the 36 who graduated in December, one returned to school and 28 are now definitely employed. It is quite possible that the ratio is better than these figures indicate, because there are a number of boys whom we have not heard from.

Although Mr. Wilkinson, our Placement Director, emphasized the fact that jobs are not as plentiful as they once were and that the December graduates had to put forth considerable effort to find suitable employment, the high ratio of employed graduates is a good indication that there is always a job for a well-qualified man.

It is particularly encouraging to learn that some employers who hired September graduates specifically requested the services of

some of the December graduates. Such requests certainly speak well for the school and, most assuredly, for the September graduates. It is obvious that if all graduates continue to render as valuable a service to their employers as these men have, future graduates of STI will have little difficulty in finding suitable employment.

In order to get an idea of the kind and scope of position filled by the December graduates, eight were picked at random. C. H. Cullen and R. C. Pitts, electronics technicians, are testing electronics equipment for the Wright Machinery Co. of North Carolina. Incidentally there are now three STI men with this company. Frank Knisley, who majored in building construction technology, is employed as an architectural draftsman by Bianculli, Palm, Purnell, and Russell Architects of Chattanooga, Tenn. Frank is the second STI man to join this firm,

Jack Tyler having joined them in September.

Candler Westbrook, an electrical technician, has joined the Georgia Power Company and is testing electrical equipment. W. H. Watson, product of STI's industrial department, is in the quality control department of the Lumite Division of the Checopee Manufacturing Co. A mechanical technology graduate, J. C. Henderson, was employed as an inspector in General Motor's Doraville assembly plant.

It is reported that A. J. Purdy, a heating and air conditioning graduate, is in the sales and service department of the Ross & Wetmer Co. of Charlotte, N. C. C. H. Ivey, who majored in civil technology, is with the Georgia Highway Department. From the above, it can be concluded that STI men are finding satisfactory jobs in almost every phase of Southern industry.

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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 criticisms, suggestions, and contributions, but insists that these communications be signed and limited to 300 words.

THE STAFF

Tom Thrasher..... Editor-in-Chief
H. D. Harrison..... Associate Editor
George Fries..... Advertising Manager
Frank Richards..... Photography Editor
Wade Woodward..... Art Editor
R. M. Dabney..... Exchange Editor
Don Smith..... Circulation Manager
John Vanko..... Club Activities

ASSISTANTS

Barbara Hudson, George T. Davis, J. J. McGrath, Sam Wingard, J. F. Denney, Frank Bosson, Troy Gullette, Blanton Alexander, Thomas H. Nichols.

Faculty Advisers

L. Y. Bryant, P. R. Lewis, F. J. Johnson

Perfect Records of Moore and Vanko Give Others Something To Shoot At

Ralph E. Moore and John Vanko, students in Mechanical and Industrial Technology, respectively, have made news. Both achieved what *The Technician* considers a perfect record by making all "A's" and missing no classes throughout the fall quarter.

Especially to honor these outstanding students and to give others inspiration and stimulation, we make known the records of these two men.

Ralph E. Moore

Subject	No.	Course Title	Absences	Grade	Cr. Hrs. Earned	Honor Points
Mech T.	54	Jigs & Fixtures	0	A	3	12
Ind. T.	46	Prod. Methods	0	A	3	12
Ind. T.	42	Labor Relations	0	A	3	12
Ind. T.	41	Production Layout	0	A	3	12
Ind. T.	43	Time & Motion Study	0	A	3	12
T. Dr.	41	Machine Sketching	0	A	2	8
Mech T.	44	Machine Shop II	0	A	2	8
John Vanko						
Ind. T.	43	Time & Motion Study	0	A	3	12
T. Phys.	12	Electricity	0	A	6	24
Ind. T.	62	Supervisory Training	0	A	3	12
Ind. T.	11	Prod. Organization	0	A	3	12
Ind. T.	12	Human Relations	0	A	3	12

Fellow-students contemplate upon these; then go thou and do likewise.

Industrialist Assures Students That Technicians Are Needed

By B. E. ALEXANDER

Perhaps every Southern Technical Institute student has, at one time or another, asked himself these questions: (1) Does industry really need technicians? (2) Is the training I am receiving here as valuable as I am told? (3) What job or jobs can I expect to find and fill when I complete my training here? (4) How successful is my future likely to be?

In the November issue of *The Journal of Engineering Education* appears a most reassuring article, "The Place of the Technical Institute School Graduate in Industry," written by John A. Lunn, vice president of Dewey and Almy Chemical Company.

Technicians Needed

Mr. Lunn spends a third of his space in emphasizing the fact that the recent, tremendous industrial changes have left American industry, in practically all its branches, understaffed with technical men. And he calls upon the report of the President's Commission on Higher Education to prove that the quantitative demand for technical institute graduates is more than five times the need for graduates of four-year engineering schools.

The purpose of the technical institute in the United States, Mr. Lunn reminds us, is to train people for positions which occupy an area between the skilled crafts and the highly scientific professions. And its primary goal is to serve industries by giving them trained men who can accept and carry the responsibility connected with industrial development. Furthermore, studies reveal that the requirements, from the standpoint of subject content, of the technical institute compare favorably with those of the degree institutions. Thus the technical school graduate is given many new and important tools with

for the technical school graduate are literally legion, Mr. Lunn says. He enumerates some of them:

In Production—foreman, supervisors, superintendents, production engineers, production planning, time study men, job analysis, inspectors, quality control, laboratory control, analytical laboratory work, physical testing, inventory control, and receiving and shipping.

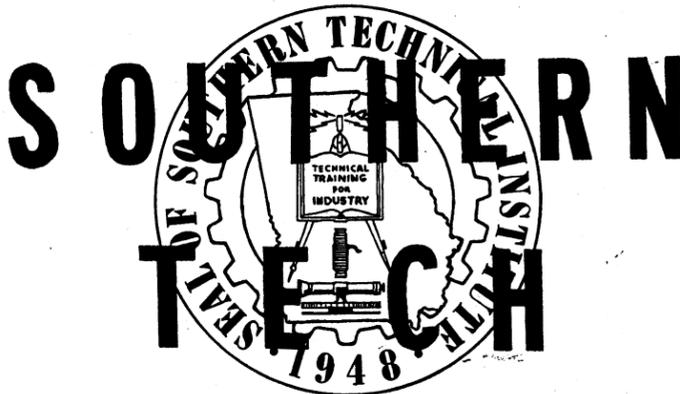
In Engineering—draftsmen, machine designers, equipment layout, construction, power plant, maintenance, efficiency engineering, safety engineers, master mechanics, and sales and service engineers.

He maintains that there are also many opportunities in other branches of business for the technical school graduate, in purchasing, in industrial relations, in expediting, in traffic management, in sales of technical products, and in a host of other departments.

Hard Work Essential

Mr. Lunn does not doubt that some technical institute graduates will fall by the wayside during their educational period and upon facing the rigorous requirements of industry. Some will not get immediate recognition but will have to prove themselves on the job. "Those who ultimately succeed," he contends, "are hard to dislodge because they are in dead earnest, because they have had sound, basic, practical training and have worked for it every step of the way."

Four of Mr. Lunn's conclusions are (1) industry needs technicians, (2) technical institutes are doing an excellent job of preparing their graduates for industry, (3) technical institutes are measuring up to their opportunity in placing their graduates in important and diversified industrial jobs, and (4) industry relies on technical institute



STI's Other Car Sticker

Presented above is a reproduction of the second of two Southern Tech car stickers which are expected from the printers any day and will go on sale in the STI bookstore.

Mr. W. W. Vaughn, of the Building Construction department, is the designer and draftsman of this excellent piece of work.

This sticker and that of Frank Knisley, which appeared in an earlier issue of *The Technician*, will be used for publicity purposes to advertise STI. As one can see, Mr. Vaughn's is more serious and conservative; whereas Mr. Knisley's is more humorous. Each will serve its purpose admirably, STI officials feel.

The Book Nook

This writer has a bill of goods to sell. He'd like very much to convince you that you will find much enjoyable, profitable reading in the realistic, virile, adventurous, historical novels—*The Big Sky* and *The Way West*—by A. B. Guthrie, master craftsman and University of Kentucky professor.

The Big Sky, very popular two years ago and now available for 25 cents, is the exciting story of three hardy mountain men, who fight Indians, trap, hunt buffalo, combat beautiful but at times ruthless nature, barely survive starvation, brawl, drink, and love in their arduous journey up the Mississippi-Missouri and in their roamings over the mountains of the north mid-west in search of beaver.

A Realistic Picture

You'll get an authentic, realistic picture of this section of the United States during the years 1830 to 1843, when the pioneer was just beginning to usurp the domain of the trapper and explorer. You'll meet and perhaps like the shrewd trapper, hunter, and Indian-fighter, Dick Summers; the sullen, powerful Boone Caudill; the congenial, fun-loving, Jim Deakins; and the tender, loving Indian girl, Teal Eye.

Since life at this time was rugged and often brutal, don't look for refinement, gentility, and the social graces. This is a book for men about real men and their incessant struggle for existence—men who, however, fought a losing battle

A Review

of GUTHRIE'S "THE BIG SKY" and "THE WAY WEST"

against the persistent pioneers who replaced them.

The Way West

It has been said that the only book about the West which is better than *The Big Sky* is *The Way West*. In a sense, *The Way West* picks up where *The Big Sky* leaves off, for in it we follow the fortunes of a group of Oregon-fevered Americans who made their way in 1845 from Independence, Missouri, to the banks of the Columbia River. Dick Summers, guide, is, however, the only character appearing in both books.

Though adventure, drama conflicts, tragedy, and romance are essential elements in *The Way West*, Mr. Guthrie treats his material far differently from those authors who wrote melodramatically of an unreal rootin', tootin', shootin', scalpin', drinkin' West. Mr. Guthrie's is a realistic, factual, day-by-day account, told so simply and convincingly that you'll believe this is the way the events happened.

A Heroic Job

Slow, calm, strong Lije Evans and wise Dick Summers do a heroic job of leading their band of restless pioneers safely through every hardship to a new land, which holds a significant but different promise for each of them.

Readers will find these two books to be the best pictures of life in the West at the time. They are enjoyable and worth while reading. Try them.

ALUMNI NEWS

Lawrence Dewberry Made Foreman After Working For Only Four Weeks

The fact that Lawrence G. Dewberry, STI graduate in Industrial Technology, was promoted to a foremanship after four weeks of work at the Atlantic Steel Company comes as good news to all Southern Tech students, alumni, and staff members.

Such an excellent record will mean not only benefits to Lawrence but also more jobs for other graduates of STI.

Charles E. Sandefur, former electronics student at Southern Tech, must be doing an excellent job for the Wright Machine Company of Durham, N. C.; for a representative of their company visited the school campus in December, and after several interviews employed two more graduates—Charles H. Cullen and Robert C. Pitts.

Bill Dillard and Jack Smith, both former Mech students, are now working as engineering aides at the Consolidated Vultee Aircraft Corp. at Dangerfield, Texas.

chief heating engineer.

Robert Bynum is working with Cinderella Foods, Inc. of Dawson, Georgia. His job is that of Assistant Superintendent. He has just been given the assignment of setting up a complete safety program for the plant. If it is a success, it will be spread to the other plants of Stevens Industries, the parent organization of which Cinderella Foods is a unit. Bob has an opportunity to put his safety training to work, and at the same time create a big job for himself.

James Adams is working with Champion Garment Company of Rome, Georgia. He is in training for the job of Chief Industrial Engineer, and will either remain at this plant or be moved to Monroe, Vidalia, or Atlanta, where the company operates other plants. From all reports, Jimmy is doing a bang-up job, and the company is well-pleased with his progress. He is working hard and likes his job.

The Corn Crop

As It Was Gathered

One of the prettiest and most popular of our young teachers recently announced her engagement. Fellow teachers and pupils naturally heaped good wishes upon her, but she was hardly prepared for a note from one eight-year-old, which read:

Dear Miss Smith,

I hope you have a happy and sex-full married life.

Your friend,
Mary

—Margaret Kirkpatrick in Reader's Digest

S - T - I

Two little girls were busily discussing their families.

"Why does your grandmother read the Bible so much?" asked one.

"I think," said the other little girl, "that she's cramming for her finals."

S - T - I

A question to women who wear slacks: "Does your end justify your jeans?"

—Earl Wilson in Reader's Digest

S - T - I

When asked why he never got excited no matter what went wrong, a man replied, "Oh, it's just a matter of environment. You see, I have a wife, five children, two dogs, and a cigarette lighter."

—Boston Globe

S - T - I

Tact is the knack of making a point without making an enemy.

—Howard W. Newton in Redbook

S - T - I

A slick chick with a pair of roller skates slung over her arm entered a Manhattan trolley, and a gentleman rose to give her his seat.

"Thank you, but I'd rather not," she said. "I've been skating all afternoon and I'm tired of sitting down."

—Sid Ascher in Caravan

S - T - I

The suit fitted her slender lines as if it appreciated the opportunity.

—John Evans in Reader's Digest

S - T - I

Slogan of Salt Lake City diaper service, "Rock a Dry Baby."

Reader's Digest

S - T - I

And that reminds us of the Highland Avenue dry cleaner's slogan, "Come clean with Henry."

S - T - I

Commuters

Commuter—one who spends his life in riding to and from his wife; A man who shaves and takes a train And then rides back to shave again.

S - T - I —E.B.W.

Constancy

"You gave me the key of your heart, my love; Then why do you make me knock?" "Oh, that was yesterday, Saints above!

And last night—I changed the lock!"

—John Boyle O'Reilly

S - T - I

On Hearing a Lady Praise a Certain Rev. Doctor's Eyes

I cannot praise the Doctor's eyes; I never saw his glance divine; He always shuts them when he prays, And when he preaches he shuts mine.

—George Outram

S - T - I

Good Question

What is a girdle anyway, but a pot-holder?

S - T - I

Did you hear of the gal who went to a masquerade dressed as a phone operator and had three close calls?

—Earl Wilson

S - T - I

Or about the Broadway haberdasher who started his business with a tremendous opening day "Going Out of Business" sale?

—Earl Wilson

S - T - I

Alice: "Isn't he rather fast for you, Mabel?"

WHAT A TECHNICIAN DOES

Jim Dewberry, IM Graduate, Produces Candy at Profit

By H. D. HARRISON

Should there have been any doubt about the practical application of the majority of the courses offered in Industrial Technology, it certainly would have been dispelled after spending an afternoon with Jim Dewberry.

Jim, as many of you remember, was one of the outstanding men of STI's first graduating class; so it was with considerable interest that your reporter looked in on him in an effort to determine just what a technician does.

Jim is plant manager of the Parksdale Candy Company of Atlanta. The title "Manager" is hardly wide enough in scope to include all of the activities and duties of the head of a small candy plant. Jim is responsible for production, quality control, purchasing, personnel relations, inventory control, interviewing and hiring of both production and sales personnel, and a thousand and one details that constitute a part of any business.

Commendable Feat

The fact that Jim had absolutely no previous experience in the candy business and yet has successfully managed this plant from the day it was established is quite amazing.

The problems that confronted Jim are difficult to place in particular order, because they all seemed to come at one time. But, backed by the facts he learned in school, Jim's first step was to arrange the plant equipment so as to assume the most economical production.

The next major step was to decide what candies would be manufactured and where the necessary supplies could be purchased. Deciding the different kinds of candy to manufacture was left to Jim's chief candy maker; the procurement of supplies was Jim's responsibility. The tricks of purchasing were learned in a few but not easy lessons.

Problems! Problems!

The next problem was to find suitable production personnel. This proved to be a relatively easy problem. (Later, Jim was also responsible for sales personnel.) The determination of the cost per piece, pound, or box of candy was Jim's next major problem. Neither Jim nor the owner knew what candies they could produce and place on the market at a price comparable to their competitors. So when your reporter called on Jim, he was running a minute cost analysis on eleven different kinds of candy. Of the eleven, approximately three could be placed on the competitive market.

Of course the ultimate problem is distribution. The solution of this problem will determine the ultimate success of the company. Al-

though Jim is vitally concerned with distribution, he is not responsible for it. Jim's responsibility is maximum production at the lowest possible cost, and as of this date, he has done a surprisingly good job. We wish him continued success.

College Enrollments Increase in Spite of Fewer GI's Attending

Enrollment in the colleges and universities in the United States continue to show an increase despite the declining number of veterans going to school, the US Office of Education reports.

Enrollments this fall stand at 2,456,000 students as compared with 2,408,000 a year ago. Junior-college enrollments have grown too, and only Negro institutions show a decrease.

In 1947, veterans comprised almost half the nation's college student body. This year they make up only 35% of the total enrollment, or 856,000 students. Only one state, Connecticut, shows an increase in veterans. Men still outnumber women, however, by a little more than two to one.

Further results of the survey show that student dropouts and first-time students are decreasing. However, there are 3,000 more first-time students in teachers colleges this year and 10,000 more in junior colleges.

Information for the Office of Education report came from registrars of 1809 institutions of higher learning.

Alumni Coordinator Reveals Data Obtained from Survey

From questionnaires sent by Mr. L. L. Horner, Southern Tech alumni coordinator, to men who graduated from STI in September, 1949, these results were obtained:

Of 55 graduates 22, or 40%, answered the survey.	
Those making from \$300 up per month.....	4.5%
Those making from \$250 to \$300.....	18.2%
Those making from \$225 to \$250.....	13.6%
Those making from \$200 to \$225.....	13.6%
Those making from \$175 to \$200.....	27.3%
Those making from \$150 to \$175.....	9.1%
Those not answering this item.....	13.6%
Those who had to join unions to get present job.....	4.5%
Those not required to join unions.....	95.5%
Average length of time from graduation to reporting to present job.....	105 days

From the above data it appears that most graduates are classed as professional men rather than as laborers. This fact is particularly noteworthy in that graduate engineers are invariably classified as professional men and indicates that the technician is taking the place planned for him in industry.

Salary figures appear average for technical positions as starting pay. Many companies have plans for regular monthly increases or provide an automatic increase at the end of the training period so that these figures should be considerably higher at the end of the first year.

Figures on the length of time to obtain a job are not particularly indicative, since there is no way of telling how much vacation was taken or whether the present job is the first job. Of the 22 reporting only one reported unemployment, and he indicated that it was by his choice.

It was decided by vote that the September class will hold reunions. It is yet to be decided whether they will be held each year or every five years.

TO INFORM YOU

New Type X-Ray Makes Picture Of Fleishy Tissue As Well As Bone

A method of X-ray photography that for the first time pictures in great detail soft parts of the body, such as muscles, fat and skin around the bones and also veins, is reported from Sweden as the achievement of Dr. Arne Frantzell, of the Academic Hospital of Upsala.

In a special report by George Axelsson in the New York Times, Dr. Frantzell gives a few of the conclusions growing out of his special research and bearing on an understanding of the processes of old age: "It is not merely a question of keeping fit and active or having an athletic body. There is something more in the advance of age than that—something which we do not yet understand. These photographs may help solve the mystery."

Mysteries Solved

It is extraordinary, he said, "to see photographically how a superficially healthy and active young man of about thirty-five may be subject to the beginnings of fatty degeneration, whereas a slothful non-athletic man of, say, fifty may not have deteriorated so fast. This problem is one that fascinates me outstandingly in my work at its present stage and one on which I am concentrating in these beginnings of soft tissue X-ray photography."

Contrasted with normal X-ray pictures of bones, with the surrounding parts of the body a meaningless blur, he showed pictures of

legs and thighs of human beings under thirty years of age in which the strata of bone, muscle, fat and skin appeared clearly defined, none of the fat fading into the muscle.

There followed photographs of persons up to sixty-five years of age showing clearly also how muscles had weakened and fat had eaten its way into them. Also were seen cases of thrombosis, with water plainly visible in the soft tissue. A skull which was pictured in the standard manner showed merely the bone structure, while the same scene, pictured by Dr. Frantzell's methods, showed not only the soft-tissue structure around the cranium but also the veins. Many anatomists and other specialists are cooperating in interpreting the new type of pictures.—THINK Magazine.

3 Students Make All "A" Average; 39 on Honor List

Moore, Vanko, Kalb Lead Whole School With 4.0 Records

The Southern Tech winter quarter honor roll was led by Henry T. Kalb, Ralph E. Moore, and John Vanko with a 4.0 average. The runner-up, with a 3.88 average, was Clyde V. Compton. These students qualified by having at least a 3.0 average, 15 hours of college credit work, no failures, and no offenses.

In addition to the above, the following 35 students also met the requirements: H. L. Anderson, 3.06; William D. Behlmer, 3.62; D. L. Bott, 3.30; H. H. Brown, 3.10; E. F. Bullington, 3.06; C. H. Burnette, 3.50; Jack Byrd, 3.00.

R. K. Calvert, 3.26; R. W. Carson, 3.62; Paul Cobb, 3.00; C. N. Compton, 3.61; O. T. Dickson, 3.62; H. M. Edwards, 3.70; H. D. Fleming, 3.42; W. S. Foster, 3.12; H. D. Harrison, 3.27; J. G. Henderson, 3.16; Barbara Hudson, 3.05; L. E. Jay, 3.00; D. T. Joyce, 3.31; A. S. Keith, 3.29.

P. H. Klepsch, 3.11; F. L. Knisley, 3.66; F. L. McRackan, 3.76; G. D. Millar, 3.11; W. P. Miller, 3.11; William Murray, 3.23; Jess D. Newsom, 3.22; E. T. Roberts, 3.31; L. W. Schilb, 3.28; J. H. Smoak, 3.52; W. O. Spaeth, 3.41; B. F. Tharpe, 3.05; R. G. Tucker, 3.17; and R. T. Waters, 3.11.

Honor Men Change Eligibility Rule

(Continued From Page 1)

two consecutive quarters for membership into the club and makes fairer the whole matter of admission. Now any student who has at least 30 hours and a 3.0 average is eligible for membership, regardless of whether he maintained a 3.0 average over his last two quarters or not.

Members were scheduled to hold another meeting Tuesday, January 17, to complete several proposed changes in the Constitution and to act upon other matters under consideration.

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What Institution Has Highest Enrollment?

What institution of higher education has the highest enrollment? Figures released by the US Office of Education recently show that New York University heads the list with 47,936 students enrolled this fall.

Following in line are University of California, 43,426; City College of New York, 30,192; Columbia University, 29,153; University of Minnesota, 25,084; University of Illinois, 25,062; Northwestern University, 22,822; Ohio State University, 22,416; Indiana University, 21,826; and the University of Wisconsin, 20,796. —NEA News

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THE SPORTS FRONT

With Tom Thrasher

This corner is happy to report that basketball has fully recovered from its attack of acute holidayitis, and that it is once more traveling under a full head of steam. There is definitely nothing that causes ill-timing in an athlete as does inactivity combined with Christmas turkey, and it seems that some of the STI players with whom I have talked are aware of this fact. Several avow that they worked out right on through the holidays.

Of more current interest, however, is the addition of one Mr. John Stambaugh to the varsity basketball squad. John is a graduate of Piedmont College, where he was a varsity basketball player, and, since his enrollment here this quarter, has proceeded to be one of the stars in each game to date.

Equally heartening news is that the entire varsity squad has developed into a smooth-working unit. Besides a marked improvement on defense, the players have increased their ability to work and handle the ball. It seems that their one difficulty lies in not "hitting." In other words, they're taking their shots but aren't connecting often enough. This, incidentally, is a team trait which can come or go overnight. Let's all hope our boys can up their percentage before long.

INTRAMURAL BASKETBALL BEGINS

The intramural basketball program gets under way with the first double-header being played on Thursday, January 19. All students are urged to participate, and everyone is eligible with the exception of the varsity basketball players. There will be one double-header played each week for four weeks, and the standings for these games will be used to determine the pairings for the tournament playoff. For the convenience of all students, the department teams and their managers are being listed, plus the schedule of all intramural basketball games.

SPRING QUARTER ATHLETICS

In an effort to formulate and complete plans for the spring quarter athletic program, Coach Frank Johnson announces that he would like for each student who is interested in participating in any of the following intercollegiate sports to please come by his office and see him right away: baseball, tennis, track and field, and golf.

INTRAMURAL DEPARTMENTS AND MANAGERS

Builders—Hugh Gaddis, Manager
Mechs—J. S. Bailey, Manager
Electrons—L. J. (Moe) Ingram, Manager

Execs—Al Williams, Manager

INTRAMURAL BASKETBALL SCHEDULE

Thurs. Jan. 19—Builders vs Mech's
Execs vs Electrons

Wed. Jan. 25—Builders vs Execs
Mechs vs Electrons

Tues. Jan. 31—Execs vs Mech's
Builders vs Electrons

Mon. Feb. 13—Execs vs Electrons
Builders vs Mech's

Tues. Feb. 21—Tournament

Wed. Feb. 22—Tournament

NOTE: First game starts at 6:30 P.M.

Second game starts at 7:30 P.M.

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Johnson Defends Men Who Handled Intramural Games

Editor
The Technician
Dear Editor:

Your December issue carried an article by "Pete" Peterson concerning the officiating at our intramural games. Since, as Athletic Director, I am responsible for these events, I feel that our problems should be made public. In the first place, Pete is entirely correct in that our program needs improvement, and that is what we are continually striving to accomplish. This takes time and the cooperation of ALL concerned.

In all fairness to our boys who VOLUNTEERED to act as our "rabbit-eared", "jugheaded" officials, let me publicly say "Thanks!" for a job well-done under very trying conditions. Of course they made mistakes, but so did the players. These same men, contrary to the report in THE TECHNICIAN, worked the entire schedule of games for the DeKalb County High Schools, and the coaches were well satisfied. These same boys were willing to undertake the thankless task of officiating our games. If Mr. Peterson feels that he, or any other student can do a better job, we will be pleased to put him to work.

F. J. Johnson
Athletic Director

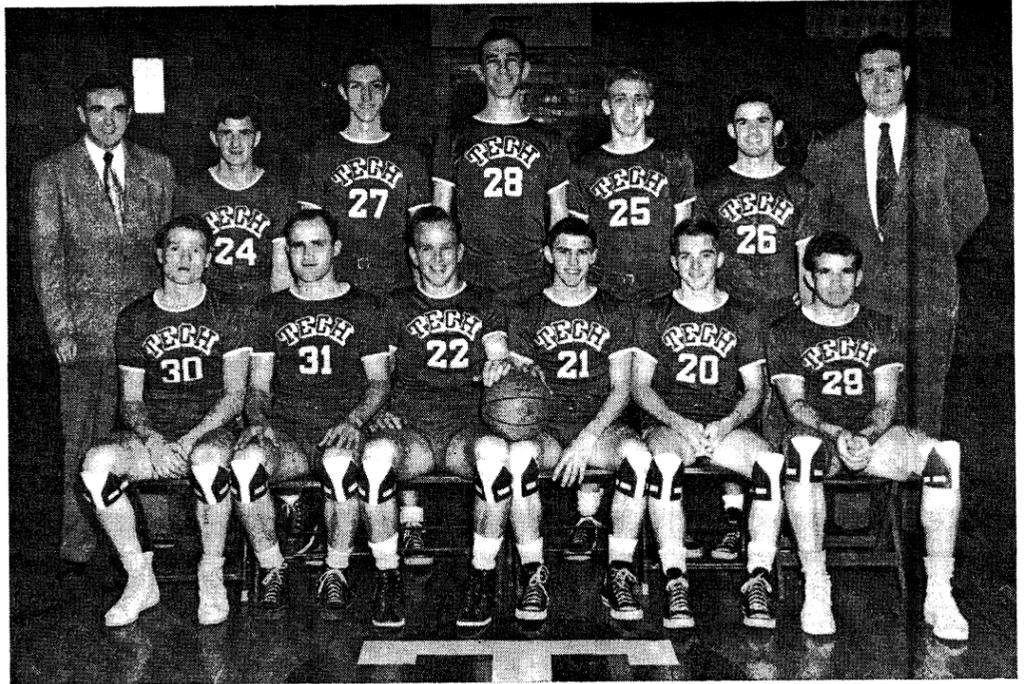
December Grads Placed on Jobs

(Continued From Page 1)
The following is a statistical breakdown of the December graduates according to the courses majored in and the number presently employed:

Course	No. Grad.	No. Employed
B. C.	5	5
E. T.	5	2
E. & R.	6	6
H. & A. C.	3	3
I. T.	3	3
M. T.	12	7
C. T.	2	2

It should be emphasized that these figures do not give a complete picture of the employment situation. For example, these figures do not show the number of men who were offered positions and did not accept because the jobs were not what the particular individual was looking for. And, as previously reported, we have not heard from some of the men; so there is no way to determine whether they are employed or not. Under no circumstances should these figures induce anyone to switch courses.

Furthermore, these statistics give no indication of what the employment condition will be in any particular field six months or a year from now. There will always be a job for the capable graduate irrespective of his field or endeavor.



Southern Tech's 1949-50 Varsity Basketball Team

Left to right, front row: Joe Rettie, John Stambaugh, Palmer Ferguson, Byron Vowell, Jim Dodrill, and Marvin Sims.
Left to right, standing: Manager Blake Berry, Al Williams, John Griffin, Sol Siegel, John Daniel, Ray Hughes, and Coach Frank Johnson.

Lack of Experience, Practice Limit Number of Basketball Victories

The STI varsity basketball team, at this writing, has experienced defeat six times while winning twice.

No alibi is proposed, nor is there one desired in support of this record; however, in fairness to the coach and players, certain existing conditions should be pointed out. Foremost among these is that, of the eleven varsity players, eight are freshmen, which fact indicates a severe lack of experience. To overcome inexperience, plenty of practice is needed, and here at Southern Tech the available time for practice is limited.

When one considers the obstacles that the team has to overcome, he realizes that the record isn't too bad after all.

High-point men for the team to date are Rettie, 111; Sims, 90; and Vowell, 42.

Results of Games to Date

STI	Opponent	Score
28	Oglethorpe	44
50	Atlanta Christian C.	46
58	Georgia Military A.	45
36	Brewton-Parker	69
39	Young Harris College	65
56	Naval Air Station	57

39 Brewton-Parker 69
36 Middle Georgia C. 48

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Log Staff Works But Keeps Quiet

(Continued From Page 1)
like matters, but very explicit in refusing to divulge secrets. She does say that many things have been settled, but, brother, there's one woman who ain't talking. She says, "Wait and see."

Staff members are exceedingly busy, though, trying to beat a deadline, and they feel that they'll make it. Miss Hudson and Mr. Berry urge students who want to be included to see them at once regarding having pictures made. They also urge camera fans to submit pictures which they feel are usable.

Work refreshed

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