

Students Publish Technician; Nine Issues to Appear

Staff to Be Named Later; 2000 Copies Will Be Sent All Over Georgia

With this first issue of The Technician The Technical Institute begins one of its most important student activities of the 1948-49 school year and makes its debut into the college journalistic field.

The Technician will continue to be five columns wide, 16½ inches deep, and four pages long. It will appear nine times throughout the year, as nearly as possible on the fifteenth of each month.

No permanent staff has been decided upon yet. Final selections will be made only after contestants for positions on the staff have proved their interest, ability, and willingness to work. The following instructors have been appointed to advise in the departments indicated: G. L. Carroll, chief adviser; L. Y. Bryant, editorial; F. J. Johnson, activities; C. R. Orvold, art; and P. R. Lewis, business.

Mr. Muller Creates Nameplate

To Mr. Muller the paper is grateful for his artistic creation of the nameplate, which is seen at the top of this page.

The Technician will have a circulation of approximately 2000. The paper will be given to students of The Institute free. Copies will also be sent to every college and high school in the state, to the Board of Regents, to members of the Associated Industries of Georgia, Chambers of Commerce, prospective students, and other interested persons.

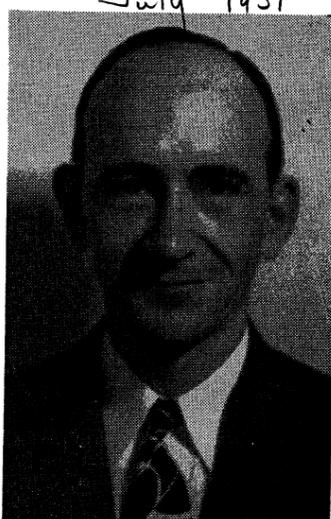
Room 26 in Building 24 has been designated the Publications Room, where students may go to do work in connection with the paper. The room has been equipped with a typewriter, chairs, tables, shelves, a locker, and a bulletin board.

Objectives Listed

Mr. Carroll states that the general objectives of The Technician are to inform and entertain students of The Technical Institute; to give them opportunities for self-expression in creative writing, art, and photography; to build school spirit and morale; to keep the industrialists of Georgia informed of the school's work, progress, and graduates; to advertise The Institute to the public; and to obtain new students.



L. V. JOHNSON
Director



JOHN D. SEWELL
Assistant Director

The Technician Presents to You Directors Johnson and Sewell

Editor's Note: Each issue of The Technician will feature a background sketch of faculty members of The Technical Institute. The first faculty members to be sketched are L. V. Johnson, Director of The Technical Institute and John D. Sewell, Assistant to the Director. The Technician's staff feels fortunate in having two such capable men as directors.

Mr. L. V. Johnson received his B. S. Degree in Engineering Physics in 1929 and his M. S. Degree in Physics in 1930 at the Ohio State University. After leaving Ohio State University, Mr. Johnson became Assistant Professor in Physics at the Georgia Institute of Technology. In 1940 Mr. Johnson was made Coordinator of the Civil Aeronautical Training Service for the Georgia Institute of Technology and acted in this capacity until 1942. The Georgia Institute of Technology granted Mr. Johnson a leave of absence in 1943 in order that he might assist in the establishment of the Army University at Bierritz, France. While at the Army University in France, Mr. Johnson was Professor of Electrical Engineering.

In 1947 Mr. Johnson returned to the Georgia Institute of Technology as Associate Professor in the Aeronautical Department. Mr. Johnson was made Acting Head of the Aeronautical Department in October, 1947, and remained there until his transfer to The Technical Institute as the Director.

Mr. Sewell

After receiving his A.B. Degree from Mercer University in 1930, Mr. Sewell did graduate work at

Emory University and graduate work in administration and supervision of Vocational Education at the University of Florida. Mr. Sewell's studies at Law School were interrupted by his entrance into the Navy.

Mr. Sewell served in Balboa at the Naval Ammunition Depot for 18 months and was Operations Officer and Head of Instruction Afloat for 20 months at Ft. Schuyler. His last duty was as Instructor Training Officer with the Bureau of Naval Personnel. After being placed

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Calendar for Year Shows 58 Holidays

The calendar for the 1948-1949 term at The Technical Institute is one of interest. A number of holidays mixed with the school work break the monotony and give the student something to look forward to.

One pleasant feature this year is a week's spring holidays between the winter and the spring quarters. Breaking the summer vacation up so that the students get two weeks in June and two and a half weeks in September is also easy on the nerves.

Fifteen more holidays to cover Christmas and New Year's Day, three days for Thanksgiving, and a day for the Fourth of July make a sum total of fifty-eight holidays during the school year, more holidays than a bank president gets. School is not so bad after all.

The school calendar reads as follows:

Fall Quarter, 1948

Sept. 27 Registration.
Sept. 28 Classes begin.
Oct. 5 Last day for registration.
Nov. 25-27 Thanksgiving holidays.
Dec. 18 End of term.
Dec. 19-Jan. 2 Christmas holidays.

Winter Quarter, 1949

Jan. 3 Registration.
Jan. 4 Classes begin.
Jan. 11 Last day for registration.
Mar. 19 End of term.
Mar. 20-27 Spring holidays.

Spring Quarter, 1949

Mar. 28 Registration.
Mar. 29 Classes begin.

Fall Term to Bring 300 on September 27

Under the leadership of Director L. V. Johnson and Assistant Director John D. Sewell The Technical Institute will begin its fall quarter's work with the registration of students on Monday, September 27. Over 300 men and women are expected to enroll.

(The Technical Institute is the new, two-year, coeducational, technical, boarding college established at Chamblee, Georgia, on March 24, 1948, as a unit of the Engineering Extension Division of Georgia Tech to train technicians for industry.)

Public to Inspect School Facilities

Friday, September 3, has been designated as Open House Day at The Technical Institute, and the public has been invited to visit and inspect the school plant from 2 to 4 p.m. and from 7 to 9 p.m. on that day.

Families of students, the faculty and staff of Georgia Tech, the Board of Regents, the high school principals of the state, and the Associated Industries of Georgia have been sent attractive 8 in. by 11 in. invitations engraved with sketches representing the various courses offered by The Institute.

The general public is cordially invited to come and visit shops, laboratories, classrooms, dining hall, dormitory, and other facilities on the campus.

Tours Planned

To permit free access to all buildings, classes will be dismissed at 2 p.m., and the faculty and staff will be at their posts of duty to answer questions, display equipment, and explain courses of study.

A large number of people are expected to make tours of the campus facilities to learn more about the operation of The Technical Institute and the progress it is making toward meeting the demands of industry for trained technicians.

Three Students Make All 'A's'; Twenty-Four Achieve 'B' Averages

That students at The Technical Institute can make good grades in spite of rigorous schedules is shown by the fact that three men made all A's in the spring quarter, and twenty-four others maintained B averages.

Charles E. Sandefur, William O. Walton, and Thomas T. Wells kept their grades on the A level. Two AA grades and one A appeared on Mr. Sandefur's record, and both Mr. Walton and Mr. Wells had five A's on credit-bearing courses.

The twenty-four men who maintained B averages were James S. Adams, Blanton E. Alexander, Jack Byrd, J. S. Charles, Howard T. Cowart, Haskell H. Dekle, Otto T. Dickson, Robert H. Ferrell, William G. Goggans, Gresham H. Harrison, James G. Hill, Horace A. Lane, William G. Layton, William S. Leonard, Samuel R. Pitts, Jewell M. Ray, Floyd Smith, Olin L. Smith, Hugh Y. Stribling, P. E. Teaver, Jack H. Tyler, Charles T. Webb, and James C. Withers.

Apr. 5 Last day for registration.
June 11 End of term.

Summer Quarter, 1949

June 27 Registration.
June 28 Classes begin.
July 4 Holiday.
July 5 Last day for registration.
Sept. 10 End of term.

To provide for the increase in enrollment and give the students the work which their courses require, Mr. Johnson states that five basic shops will be ready for use by September 27. Workmen have been on the job all summer installing machinery and other equipment essential to the complete, efficient operation of general machine, woodwork, welding, and sheet-metal shops. The advanced shops, Mr. Johnson reports, will be ready by January. Drawing and science labs have proved not only adequate but superior.

Five Men Added

A staff of twenty instructors, thoroughly trained in their special fields, experienced in teaching, and skilled in the industrial applications of their knowledge, will be present to prepare students in the technologies of eight different courses of study.

Five additional members will join these fifteen men, who composed The Technical Institute faculty for the summer quarter: C. A. Arntson, L. Y. Bryant, G. L. Carroll, J. C. Clark, G. L. Crawford, C. T. Holladay, I. Hornstein, O. K. Houston, F. J. Johnson, P. R. Lewis, C. V. Maddox, E. J. Muller, C. R. Orvold, P. A. Ringsmith, and L. H. Taylor.

Director Johnson states that these fifteen instructors have had a total of 195 years of experience in industrial work and in the teaching profession.

Curricula Changed

Several important changes in the courses of study were made after very careful, thorough analyses, Mr. Johnson announces. Aeronautical Technology has been tempo-

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Regents Asked to Visit the Institute

As The Technician went to press, plans were being made to invite five members of the Board of Regents and Col. Blake Van Leer, President of the Georgia Institute of Technology, to visit The Technical Institute on August 17 for an inspection tour of the school plant.

Chancellor Raymond R. Paty, Mr. Pope F. Brock, of Atlanta; Mr. John F. McDonough, of Rome; Mr. Rutherford L. Ellis, of Atlanta; Mr. Frank M. Spratlin, of Atlanta, and Colonel Van Leer were to be asked to have lunch at the school and to inspect the shops and laboratories now in operation.

After the tour of inspection Mr. L. V. Johnson, Director of The Institute, was to give the visitors a formal report as to the additional equipment needed to permit efficient operation of the school to meet the demands of industry.



Inquiring REPORTER
Lewis J. Ingram (Hogansville, Georgia. Electronics) reasons: "I will be prepared to do other work besides electronics. The technician's work is a large field, so if there is no opening in electronics I will be able to go into some other field of electricity. More practical experience is given and thereby apprenticeship is eliminated."

Jack G. Smith (High Springs, Florida. Mechanical Technology) says: "My aim in coming to The Technical Institute is to study in a more specialized field, rather than in humanities, liberal arts, and social studies. From this mechanical course I expect to get a background for Diesel engineering, which I plan to enter later."

Jack Byrd (Decatur, Georgia. Building and Construction) explains: "The Georgia Institute of

The Question Why Did You Decide To Take Technical Training?

Technology offered more courses than were necessary for my training in Building and Construction. Many courses were taught that I would not need for my field of work. The Technical Institute condenses my courses into two years of study instead of four."

F. R. Tiencken (Savannah, Georgia. Surveying and Construction) states: "When I first started college, I found I was taking a lot of subjects that I felt would never be of any use to me. I was looking for a school that would teach the necessities in the field in which I wanted to major. My ambition is to build highways and railroads in South America, so I couldn't see where French, Latin, and many of the other social sciences would be of much use to me in South

(Continued on Page 3)

The Technician

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

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

Editorial Staff for September

W. G. Rankin, J. E. Turner, W. G. Goggans, R. C. Pitts, T. T. Wells, D. H. Smith, Robert E. Fussell, R. M. Dabney, Wade Woodward, H. A. Dale, G. H. Harrison, E. E. W. Hendricks, Parker E. Teaver, Blanton E. Alexander, Barbara Hudson, James F. Morison.

Business Staff for September

L. G. Stronigan, Alvin T. Marlow, George H. Fries.

Faculty Advisers

G. L. Carroll, L. Y. Bryant, Frank J. Johnson, C. R. Orvold, P. R. Lewis.

TECHNICIAN EDITORIALS

The Technician—A Career

The choosing of a career is one of the most important decisions in the life of the average person. The choice is one that each person must make for himself, and one that should be based upon all available information and guidance.

It is of utmost importance to the individual that he enter upon a career for which he has aptitude and in which there will be opportunity to use the benefits of training and experience. In choosing his career and in planning the education and training to fit him for it, the high-school student and his parents should thoughtfully consider his interests, skills, aptitudes, and traits.

To profit satisfactorily from a technical education, the student needs mental ability and alertness of a high order. The plainest indication of such ability is its demonstration in high-school work. The student whose grades have ranked him consistently in the upper half of his class probably has the capacity for technical training, particularly if he has demonstrated an aptitude for, and has attained high standing in, mathematics and sci-

ence courses. He will also find that especially great weight is given to such personal qualities as initiative, reliability, energy, willingness to accept responsibility, rigorous honesty with facts as well as with things, good judgment, and the fundamentals of good citizenship.

Recent studies of industry's need for technical men demonstrate that industry needs an average of approximately ten technicians for each professional engineer employed, and that normally most industries are understaffed with technical men. These facts mean excellent employment opportunities for men with suitable technical training.

The function of the technician in industry is to assist in engineering activities in technical and supervisory capacities. A survey of engineers now serving in industry indicates that properly trained technicians can satisfactorily perform 90% of the duties and responsibilities now being performed by professional engineers. In time many technicians advance to engineering and executive positions with financial rewards comparing favorably with those of other professions.

Student Activities

The fact that student activities play an important role in the curriculum of any college is readily apparent. Although we must first consider our studies, there is much time which can be filled only by some outside interest. The very industries which were responsible for the founding of this institute have shown a marked preference for men who possess a well-rounded education; there is no place for the "book-worm." Industry seeks those who maintain good grades throughout training, but these men must necessarily have a variety of interests in order that they mix well with their associates. With this objective in mind, The Technical Institute is hastening to provide such activities as competitive sports, a newspaper, and social functions.

There are many eager athletes here. As soon as schedules can be arranged and equipment secured, The Technical Institute expects to field basketball, football, and baseball teams worthy of note. Anyone who wishes to engage in these sports, but who thinks himself unable to cope with the "situation on North Avenue," should hasten to enroll in this, The Technical Institute. Some may question the benefits of an extensive athletic program; it is a proved fact that competitive sports improve the physical condition, bring forth ability in leadership, and instill into the contestants and the spectators a sense of pride in the school.

The school paper, which is already functioning, has for its primary objective keeping the industries throughout the state informed as to our progress. From the students' viewpoint, this newspaper presents the opportunity to express one's ideas. There is much satisfaction to be derived from creative writing; why not try it?

When the fall quarter begins, there will be numerous social clubs and organizations functioning on the campus. These associations tend to develop personality as well as a feeling of general friendliness among the students. Anyone who wishes to overcome self-consciousness or an inferiority-complex, who desires to win friends, or who discovers that "two heads are better than one" in mastering a physics problem should welcome these as a definite asset to his student life.

The activities which have been covered, together with the advantages to be received from each, should impress upon the student-body the value of extra-curricular interests. This article is written with the profound hope that every member of this institution will participate in at least one of the fields listed.

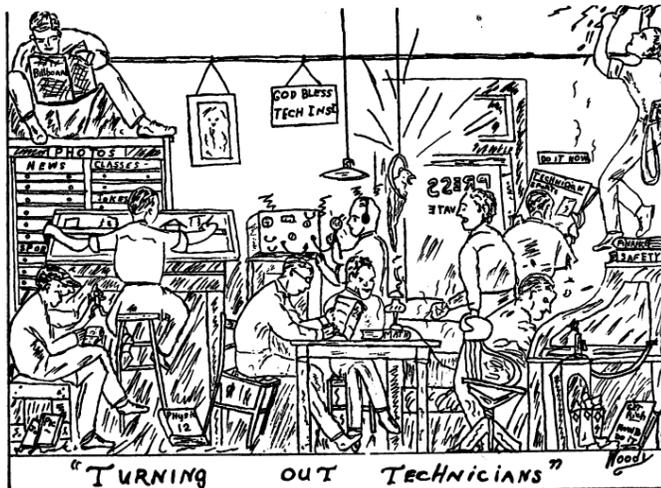
TO HATE A MAN

1. Is to put yourself beneath him.
2. Is usually to confess that you do not know him.
3. Is always easier than trying to understand him.
4. Is to be as guilty as he.

Selected.

English Is Essential

"The ability to speak and write clear, concise, correct English is one of the marks of an educated person. For the engineer, who must put technical information into a form understandable to the layman, this skill or its lack may be the



Sagacious Engineer Tells About Girls

One of the musicians in Kay Kyser's "College of Musical Knowledge" was crying about the fact that he just couldn't get along with girls. He was telling his tale of woe to the engineer on the show. The latter assured him that he needn't worry any longer.

"I'll give you a list of things to do," he said, "and you'll have no further trouble."

Here are the engineer's instructions:

- If she wants a date—meter.
- If she wants to call—receiver.
- If she wants an escort—conductor.
- If she wants to be an angel—transformer.
- If you think she's going out with others—detector.
- If she eats too much—reducer.
- If she is wrong—rectifier.
- If she's cold—heater.
- If she wants a vacation—transmitter.
- If she talks too much—interrupter.
- If she's narrow in her views—amplifier.
- If she has wrong ideas—corrector.
- If she flirts—eliminator.

—The Atlanta Journal.

Library Opened in School Book Store

The Technical Institute library, opened during the summer quarter, offers to the students the use of the best books obtainable.

The circulation department is temporarily being handled through the book store, and operates under standard library regulations. All books, except special reference books, may be checked out for fourteen days. Included among this collection are modern and classic novels, humorous fiction, biographies, and special reference books.

The books are selected from the lists given in "Good Reading," edited by the Committee on College Reading, and on the recommendation and request of the heads of the various departments.

Reference Room Established

The reading and reference room is located in Room 9 of Building 24. It contains a set of reference books, periodicals, handbooks of physics, chemistry, various types of engineering, and also a variety of current magazines.

These books, although bought through Tech and processed there, are the property of the school. As additional money is appropriated, additional books will be purchased.

deciding factor in professional advancement."

Jack Byrd Named Dormitory Leader

Jack Byrd, of Decatur, was elected president of the Student Dormitory Committee of The Technical Institute at a meeting held on Tuesday, August 4, for the purpose of organizing the committee and selecting a slate of officers.

Other students elected to serve with Mr. Byrd for the summer quarter are Lewis J. Ingram, of Hogansville, officer in charge of recreational equipment; Jesse Thompson, of Thomaston, entertainment officer, and George S. Roberts, of Jacksonville, Florida, student representative.

The purpose of this committee is to develop and maintain better understanding and cooperation among the dormitory students and between the students and the faculty.

Officers of the Student Dormitory Committee will be elected at the beginning of each school quarter and will serve for the full quarter. This committee is to be replaced later by an organization on a campus-wide scale.

The boss knows how it is done; the leader shows how.

The boss makes work a drudgery; the leader makes work a game.

The boss says "Go"; the leader says "Let's go!"

Wanted—School Song, Mascot, Yells; Contribute Your Ideas

In the life of every successful college or university certain symbols play an important part in distinguishing the school from other institutions of learning. The names by which the newspaper, the yearbook, and the athletic teams are known; the school seal; the school colors; the mascot; the cheers or yells—all these become synonymous with the name of the school itself. On the campus these are the things for which the students "fight and die"; in after life, they are the things which the graduates cherish through the years. It may be said that they play a major part in the development of "school spirit."

The Green Wave of Tulane; the Bull Dog of Georgia; the Yellow Jacket, the Engineers, The Rambling Wreck of Georgia Tech—these are the things which identify the schools to almost any man or woman, boy or girl, in the nation. Regardless of how distinguished in the field of learning a school may be, the public knows it by the name of its athletic teams, its school songs, its colors, its mascot.

Some Symbols Adopted

Some of these things The Technical Institute now has; some it has not. The school paper will be known as The Technician; the school colors are green and white; and the school teams will play under the name of The Technicians. The school seal, which can be seen on the cover of the new catalogue and beside the nameplate of this paper, has been adopted. For a new institution the school has made commendable progress toward developing its identifying symbols.

Other things are yet to be

Carter's Cogitations

Editor's Note: The following article, originally written as a theme in an English 10 class, is of such timely interest to veterans The Technician feels it would be lax in the performance of its duty not to publish it.

ERUDITION AND MALNUTRITION

By M. R. Carter

Man does not live by bread alone. I should like to ask the officials of the Veterans Administration to consider that statement gravely. The general impression is that the author of this well-known line was suggesting that the more important things were the Arts and Sciences. Until my money ran out, I labored under that same false impression. I am now convinced that he was not referring to the arts and sciences at all, but to potatoes, meat, and the various other foods which the ignorant have long considered necessary to sustain life.

My conclusion was not reached hastily. It was gained by sad experience. For the past week I have been a living experiment in the substitution of knowledge for food. While waiting for my check from the Veterans Administration, I have ignored the mess hall and gone instead to the Snack Bar with a book.

In all honesty I must admit that in my case bread and books are not enough. My stomach, ignorant organ that it is, refuses to be satisfied with a small package of crackers. I have found this to be true whether I take the crackers with Boyle, Bernoulli, or just plain water. After missing six meals, it makes no difference how much I read the great truths in my text books, I am still hungry. I hope a check will come soon, for it would be a tragedy to leave The Institute with a headful of world-revolutionizing ideas and without the strength to pass them on to an anxiously waiting world.

FALL TERM

(Continued from Page 1)

rarely eliminated because of a lack of job opportunities resulting from no aircraft manufacturing plants in the Southeast and because of the tremendous expense of setting up necessary shops and laboratories.

Industrial Safety and Production and Supervision have been merged into Industrial Management. The remaining seven courses open to students are Building Construction, Electricity, Electronics and Radio, Heating, Ventilating, and Air Conditioning, Mechanics, Surveying and Construction, and Textile. Advanced courses in Textile Technology will, however, not be offered until September, 1949, at which time all equipment will be installed and ready for use.

Other improvements which Director Johnson pointed out are the student activities program—consisting of athletics, publications, clubs and other organizations, and social events—and the library.

Student Activities Program Takes Effect September 27

Five-Dollar Fee Provides School Paper, Annual, Many Sports

Beginning with the fall term, each student at The Technical Institute will pay a fee of \$5.00 a quarter to defray the expenses of an extensive student activities program. In return for his money the student will receive without additional charge the school newspaper, the yearbook, and athletic privileges.

An ambitious athletic program is being organized under the supervision of Coach Frank Johnson, acting athletic director. The Technical Institute will be represented in intercollegiate athletics by a basketball team only, during this first year of varsity competition. Other sports may be added to the program in the future as conditions warrant.

Many Sports Included

Nearly every sport will be represented in intramural competition between classes, dormitory sections, and other groups. Regular programs will include touch football, tennis, basketball, volleyball, horseshoes, ping pong, softball, track and field, and golf.

Other opportunities for student activity will be on the publications staff, under whose efforts *The Technician*, the monthly school paper, is published. This same staff will also publish a yearbook to be distributed in June of each year.

Suitable awards will be presented to students earning them by participation in the various activities. Varsity monograms will be awarded to athletes fulfilling the requirements of intercollegiate competition.

The best executive is the one who has sense enough to pick good men to do what he wants done, and self-restraint enough to keep from meddling with them while they do it.

Institute Plans Intramural Games

The fall intramural program will include competition in touch football, volleyball, ping pong, and horseshoes. All students interested in participating in this program are urged to form teams and elect a manager. It is suggested that teams represent classes, such as Electrical, Mechanical, Industrial, etc., or dormitory sections. A meeting of all managers is scheduled for 12:30 P. M. Tuesday, October 5, in the Library. Schedules, rules, and awards will be discussed at this meeting.

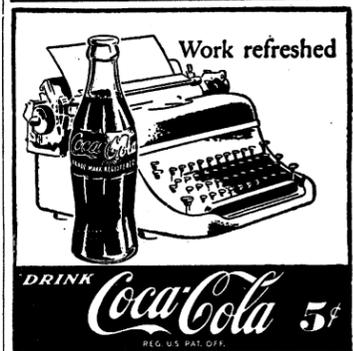
Directors Presented

(Continued from Page 1)

on inactive duty in November, 1945, Mr. Sewell became Supervisor of Distributive Education for the Atlanta and Fulton County Schools.

In addition to his duties as Assistant to the Director of The Technical Institute, Mr. Sewell is Brigade Training Officer for the Navy's Organized Reserve in this section.

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Work refreshed
DRINK **Coca-Cola** 5¢

Barbara Hudson Only Coed, Found Cute, Lively, O. K.

By Bob Fussell

The Technicians of The Technical Institute, Chamblee, Georgia, have discovered a pretty co-ed running about the campus. Some of the boys have asked me about her; so in this article your reporter will try to tell you what he knows about her. She is Barbara Hudson, better known to her friends as Bobbie. She resides at 232 Clark Howell Place, N. W., Atlanta, Georgia. Her phone number is ATwood 5633. She was born in Atlanta, and she is sweet seventeen. What most boys want to know is how she looks. To answer this question will be hard, but to the best of my knowledge, here is the way I would describe her:

Specifications

Model: 1952 streamliner.

Weight: 110 pounds.

Hair: Dark brown.

Eyes: Brown, the same color as her hair.

Height: 4 ft. 11½ in.

She Can Cook!

Boys, if you are looking around for a good wife, you do not need to look any further, for she just loves to cook and sew. Bobbie told me, "I chose this school because it was close to home and because I could not attend the main campus except at night."

She is majoring in building and construction. She said, "I will stay in this school and finish (I hope) if my grades will permit it."

Do not be bashful boys. Walk up to Bobbie and speak to her; she won't bite.

Special Features

As I told you before, she is streamlined. Her body is small, but in good shape.



BARBARA HUDSON
Our Coed

Legs: Smooth and pretty.

Arms: Short but strong.

Face: Oval, soft, and clear; dimples in each cheek.

Eyes: Like radar; they are tuned in on Mr. Holladay.

Appearance: Neat and well dressed.

Personality: Attractive, even charming.

She Is Smart

She graduated from Brown High School, May, 1948. In high school she was a member of the Community Service Board, chairman of the Graduation Committee, and president of the Inter-Cultural Relation Club. At the end of school she was given a War Bond for her service in the Community Service.

Her sports are basketball, football, and baseball. She also likes both popular and semi-classical music.

Johnson Calls for Cagers October 3; Places Wide Open

Candidates for the first varsity basketball team to represent The Technical Institute are requested to meet in the Library at 12:30 P. M., Monday, October 4, according to an announcement by Coach Frank Johnson.

Plans for the season will be discussed, and it is hoped that a large number of candidates will turn out. Coach Johnson reminded that all players are starting "from scratch" and that all positions are wide open.

This first team to represent the school has a tough road ahead since none of the students have ever played together before, the system used will be new to most, and the opposition has the advantage of considerable experience from last year.

Coach Johnson, who learned his basketball at North Carolina State College, feels that The Institute has good material and that with experience the Technicians will give some of our opponents an "interesting" evening before the end of the season.

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Buckhead's Finest Shop for Women
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CHerokee 5174
(Buckhead)
Atlanta Georgia

Sue Balkcom-Gifts

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CHerokee 5012
Peachtree Road Plaza
3171 Peachtree Road, N.E.

Spaulding's CUSTOM DRY CLEANERS

2303 Cheshire Bridge Road, N. E.

ATwood 0768

Atlanta, Ga.

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BROOKHAVEN

SONYA SHOPS

Back-to-School Bargains
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Wilson Appliance Co.

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Office CHerokee 1196

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Thorough Training Given In Basic, Specialized Work In Classes, Labs, Shops

By G. H. Harrison

To many of the students here at The Technical Institute, Mechanical Technology is the most important course offered. These students have some background in different phases of mechanical work in different industries, varying from installing and repairing propulsion and auxiliary machinery aboard ships to overhauling airplane engines. Many of these jobs were war jobs and prepared us only for our duties while in service.

Never before in the history of American, or Southern, industry has the need for mechanical technicians been so great. There are new fields that have been tapped only lightly. Of these, Diesel is one of the most important. Gas turbines, jets, ramjets, high-pressure steam turbines, rockets, and Diesel-electric are some of the most important fields.

Any of these offers a career within itself. Most of them are still in the experimental stage, even though some, such as Diesel-electric, are in practical use. However, there are many problems to solve in each one. None is up to its greatest efficiency. Only by scientific study and experiment can the greatest efficiency of any mechanical power plant be obtained.

Background Vital

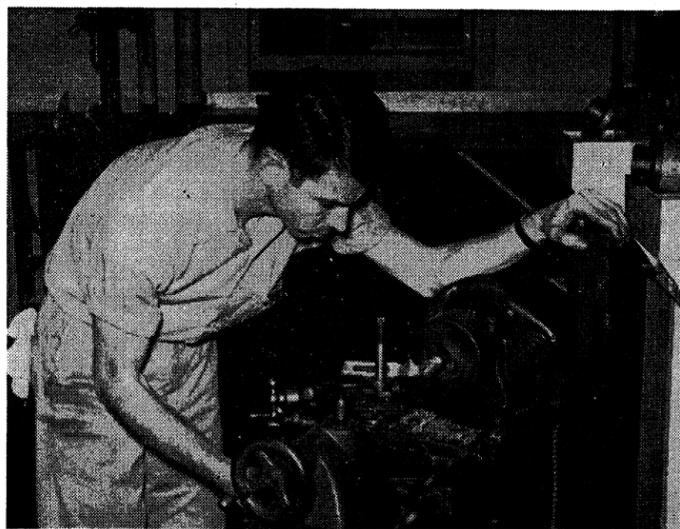
Here at The Institute the first part of the mechanical course is used to form a background which will enable the student to understand mechanical terms and formulas. The most important part of this background is mathematics—algebra, geometry, trigonometry and calculus. Then physics, the all-important basis of every science, is taught every quarter. Not only must the mechanical student study mechanics but he must study electricity, fluids, heat, wave motion and sound, and magnetism in order to give himself a background in the fundamental laws that govern almost all industries.

Of course, no technician can prepare a correct, concise, clear report without some knowledge of English. English follows every student through his entire schooling. Contrary to popular belief, English is taken too much for granted. A technician's report incorrectly worded and punctuated reflects on his inability to do a good job. Every effort is made to enable the student to word and punctuate his reports correctly by giving him practice in making actual reports on equipment and test runs on different pieces of machinery.

Chosen Field Entered

After the background has been formed, the mechanical student gradually enters his chosen field by studying dynamics, tools and methods, internal combustion engines, machine shop, mechanical drawing, and practical use of hand tools. This is done in shops now in operation—general metals and drawing—and others to be opened when delivery on tools and other equipment can be obtained.

In the shops, the student uses machine and hand tools that he



Students Learn the Intricacies of Many Machines in Mechanical Technology

will contact while in the field, and applies the theories and basic principles that underlie each operation. The student learns in the shops some of the principles of general metal work, woodwork, filing, drawing, and their relation to each other in industry. Here he learns the all-important factor in any organization, shop or plant—safety, which is one of the great problems in modern industry. Along with these subjects, the student must learn how to handle, supervise, and live with men. This is taught in human relations, labor relations, and other related subjects.

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Inquiring Reporter

(Continued from Page 1)

America. I also read that the engineering field was overcrowded but that there was a definite shortage of technicians. Therefore I chose The Technical Institute."

Raymond L. Hall (Atlanta, Georgia. Heating and Ventilating) reports: "I decided to take technical training because I believe air conditioning has a good future. The Technical Institute offers the best courses of this type in this area."

Philip A. Ludwick (Marietta, Georgia. Aeronautics) thinks: "The technical field is wide open for trained technicians. Ten technicians are required for every engineer. More emphasis is placed on practical experience than on social studies; thus I will have advantage in the 'know-how' when I graduate."

Robert O. Simmons (Savannah, Georgia. Textile Engineering) says: "I found after being in the lumber business for six years there wasn't much future in that industry unless you owned it. Therefore I decided to attend The Technical Institute. Textile engineering is one of the largest industries in Georgia at the present time; therefore the future looks bright for a man taking technical training in that course."

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The Institute's Catalogue is Being Distributed Over the South

A new, 52-page Technical Institute catalogue covering every phase of the school about which a prospective student would desire information is now ready for distribution, Assistant Director John D. Sewell announces. He urges anyone who is interested in full details of the school to write for one of these attractive, illustrated booklets.

Complete information concerning the establishment of The Technical Institute, its sponsors, faculty, purpose, the school calendar, entrance requirements, tuition and fees, the veterans program, housing and boarding facilities, student activities, etc., is included. All eight courses are presented in outline form by quarters, and each subject is described in some detail.

Accompanying these descriptions are pictures to give the student an

idea of the type shop he will do his work in. Other campus scenes are included, as well as pictures of each member of the administration and the faculty.

Featured on the outside front cover is the school seal, on the outside back cover is a graphic presentation of the different types of training offered at The Technical Institute, on the inside back cover is a map showing the location of the school—all the work of the instructors in drawing and art at The Institute.

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