NINETEEN FORTY-SEVEN

BLUEPRINT

The Official Yearbook of the

GEORGIA SCHOOL OF TECHNOLOGY
ATLANTA, GEORGIA

Published by the Students

E. Calvin Johnson, Jr. . . . . . . . . . Editor
Bruno Damoli . . . . . . . . . . Business Manager
Following its humble rebirth after the War Between the States, Southern industry has expanded to include vast enterprises in the fields of textiles, petroleum, chemicals, iron and steel products, and machinery manufacture. In the short period of eighty years, our industries have grown to such an extent that their annual output is now in excess of 20 billion dollars. This is an impressive figure, but it represents a mere beginning. Present day trends in major industries point toward accelerated Southern expansion, as evidenced by the huge plants being built in many of our major industrial centers. Our temperate climate and the availability of labor will intensify this movement.

These startling changes in industrial activity are reflected in other phases of the South's economy and general well-being. Farm incomes have increased three-fold in the past five years, and the savings of the average family have more than doubled in the same period.
These are facts which point to a steadily increasing standard of living and also indicate the establishment of foundations for further development.

Such tremendous advances open new vistas for today's graduate from a Southern school. No longer must he go North to seek gainful employment; instead, he can apply his energies and talents in the South.

A school such as Georgia Tech has a great responsibility. Through its research, it must develop products and methods of manufacture which will disclose new horizons for industrial development. Its faculty must constantly serve in an advisory capacity to business leaders. By far its greatest task, however, is the continued provision of trained men to staff our industries, men who have sufficient background not only in the basic sciences, but also in those economic, social, and moral aspects of life which will enable them to continue to build the South.
Oh, sons of Tech, arise, behold!
The banner as it reigns supreme,
Far from on high the White and Gold
Waves in its triumphant gleam.
The spirit of the cheering throng
Resounds with joy revealing
A brotherhood in praise and song,
In memory of the days gone by.
Oh, Scion of the Southland,
In our hearts you shall forever fly.

Our A L M A M A T E R
In keeping with the industrial theme of the 1947 BLUE PRINT it is highly fitting that recognition be given to Fuller Earle Callaway, Jr., whose brilliant career in Southern industry has been history making and whose intense interest in scientific research has won for him worldwide acclaim. His unselfish contributions to his fellow men may well serve as a challenge to all graduates of Georgia Tech. To this great Southern citizen of the nation we sincerely and respectfully dedicate this fortieth volume of the BLUE PRINT.
The Georgia School of Technology is fortunate in having a man of the caliber of Blake Ragsdale Van Leer as its president. Because of his brilliant leadership, our school maintained its high place among educational institutions during the difficult war years, and now, as we expand, he will be called upon even more to show his great ability. Dr. Van Leer has a colorful background in the field of education, having been Dean of Engineering at both the University of Florida and North Carolina State College. As a colonel in the United States Army, he was chief of the operations branch of the Army Specialized Training Division. Under Dr. Van Leer Georgia Tech is destined to take its place as the greatest technological institution in the country.

BLAKE RAGSDALE VAN LEER

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OF THE GEORGIA SCHOOL OF TECHNOLOGY
Dr. Brittain, who was president of Georgia Tech for more than twenty years, has gained the admiration and respect of undergraduates and alumni alike. During his administration Tech was admitted to membership in the Southern Association of Secondary Schools and Colleges, enrollment was nearly doubled, and twenty-two new buildings were added to the campus. Under his guidance we developed into an institution of national importance. Dr. Brittain will long be remembered for the part he has played in the growth of Georgia's educational system.
Dean Narmore and Dean Griffin, as Executive Dean and Dean of Students, are responsible for carrying out the policies of the institution. They have performed their difficult duties with the quietness and firmness characteristic of true leaders. A large part of the problems of the growing student body falls on these men, and it is due to their efforts that close harmony is maintained between the faculty and the students. Both Dean Narmore and Dean Griffin are graduates of Georgia Tech and have served on the faculty in other positions. Their promotion to these offices is tribute to their ability.
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Left to right during Prof. Hazen's class: What was that last remark? Can everyone see the blackboard? Made in Georgia. Doris and Foster demonstrate. The great Ben factor—Mrs. Taylor.
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Top to bottom: Six o'clock lab. . . . Eyes on your own paper. . . . Davis exorcises an iron hand in L.P.C.; policy making. . . . Below: Just try and keep up. . . . Say "ah".
THOSE LABS

Across the top: The proper method... The goggles are absolutely necessary... Seats for the show hall. Top to bottom: It helps to scratch your head... What a view that must be... What E.E. labs will do for a man.

Opposite page: Four biologists... One of the most scenic labs at Georgia Tech... Plus or minus one millionth of an inch... Don't pull the trigger... Where did that extra 29 cents come from... Future big-time industrialist... Mr. Jim looks things over... Swell, but where's the roof... Jim demonstrates... Learning the trade... Scene in the A.E. lab.