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THE 1959 BLUE PRINT
HISTORY has a knack for reducing events once thought earth-shattering to a line or two of dull prose buried deeply in a book of frightening dimensions. In retrospect, the passage of one year in the life of an institution which has reached the proud age of threescore and ten is but a momentary interval. But there are years which seemed designed for flaunting history... years in which long-labored-over plans suddenly burst forth in the first blossoming of fruition. This has been such a year at Georgia Tech... a year when new buildings and new research tools, long-awaited, suddenly begin to appear in every part of the campus... a year of the changing look of Georgia Tech... a year of the modern trend.
Tech's Architecture building is a typical example of its modern facilities.

An Eye for the Future Through...

One of Tech's proud possessions is the well-known Price Gilbert Library.

IN THIS ERA OF CONTRAST and rapid change it is Georgia Tech's concept and intention that plans for present and future improvement of our educational offerings must be kept flexible and open to change. This is especially significant because of the rapid pace at which the world is entering the space age. With the responsibility of training men as future leaders in this new age, Georgia Tech has revised its technological curriculum, improved faculty salaries, raised entrance and academic requirements, instigated an ambitious building program, and increased the volume and quality of research.

The revision of the technological curriculum is a major step toward modernizing the technical education. Major steps in this revision were concentrated in re-
The Modern Trend

Reducing the amount of purely descriptive material and the amount of training in the skills. There were also some eliminations of the traditional outmoded courses, and more humanities were added.

In 1957-58 Georgia Tech managed to substantially improve the salaries of its faculty members. This improvement was made possible by increased state funds along with strong alumni support in the form of faculty salary supplementations.

In an effort to develop and maintain a student body of superior quality, Georgia Tech has raised its entrance and academic requirements. High scores were required on the College Board Exams, better scholastic performance and a higher point average were required for graduation, and final exams were reinstituted.
Governor Griffin and Dr. Harrison break ground for the new Classroom Building.

As time passes, construction progresses on the new Classroom Building.

Improving and Expanding Facilities . . .

Keeping pace with the needs of the school as funds are made available, Georgia Tech is now in the process of adding two new buildings to its educational facilities. The Radioisotopes and Bioengineering Laboratory, costing $500,000, was finished during the Spring. This building was primarily financed by a grant by Governor Griffin, and should be a valuable teaching and research facility.

The other building, which is still under construction, is the much-needed Classroom Building. Costing $2,250,000, this building should alleviate the crowded conditions existing in other buildings. When finished it should house the schools of Math and Industrial Management, and departments of English, Modern Languages and Psychology.
The Classroom Building will add much-needed space when finished in September.

The Radioisotopes and Bioengineering Laboratory will be a valuable aid to education.
The wind tunnels of the School of Aeronautical Engineering serve students and industry.

Complex equipment such as this electron microscope is used in research.

Increasing Volume and Quality of Research...

Finishing touches are added to this plastic form used to make nose cones.

One of the underlying philosophies of higher education is that the close correlation of teaching, graduate study, and research is essential to the effective operation of any institution of higher learning. Georgia Tech has taken this philosophy to heart and in the past several years has risen to a position of note in technical research. In 1957-58, research volume increased to $2,383,000; 20 percent above the $1,960,000 volume of the previous year. Far more important than these increases, however, was the improvement in the quality of research as well as the expansion of its services. The year was also one of significant advances toward another objective of Georgia Tech research—the continuing development of a program of assistance to the industries of Georgia and the Southeast.
High temperature is realized in the baking of a ceramic nose cone model.

This laboratory model of a dam is used in experimentation and research.

Precise instruments are used in research so accurate results may be obtained.
These new dormitories will add needed living space to the Tech campus.

<table>
<thead>
<tr>
<th>Building</th>
<th>Estimated Cost</th>
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<tbody>
<tr>
<td>Chemical Engineering Building</td>
<td>$2,500,000</td>
</tr>
<tr>
<td>Ceramic Engineering Building</td>
<td>not known</td>
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<tr>
<td>Chemistry Annex</td>
<td>300,000</td>
</tr>
<tr>
<td>Physics Remodeling</td>
<td>500,000</td>
</tr>
<tr>
<td>Physics Annex</td>
<td>750,000</td>
</tr>
<tr>
<td>Drawing &amp; Mechanics Annex</td>
<td>600,000</td>
</tr>
<tr>
<td>Civil Engineering Annex</td>
<td>750,000</td>
</tr>
<tr>
<td>Mechanical Engineering Annex</td>
<td>1,000,000</td>
</tr>
<tr>
<td>Aeronautical Engineering Annex</td>
<td>700,000</td>
</tr>
<tr>
<td>Experiment Station Laboratories</td>
<td>1,250,000</td>
</tr>
<tr>
<td>Combined ROTC Armory</td>
<td>1,000,000</td>
</tr>
<tr>
<td>Dining Hall Alteration</td>
<td>500,000</td>
</tr>
<tr>
<td>Student Center</td>
<td>1,500,000</td>
</tr>
<tr>
<td>Administration Building</td>
<td>1,250,000</td>
</tr>
<tr>
<td>Chapel</td>
<td>500,000</td>
</tr>
<tr>
<td>Boiler Plant Addition</td>
<td>1,500,000</td>
</tr>
<tr>
<td>Dormitories</td>
<td>2,000,000</td>
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</tbody>
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GEORGIA TECH is presently in the midst of the biggest building program in its history. This program is the end result of long-range planning to which many people have contributed much time and effort. This new construction, now amounting to over $17,000,000 was made possible mainly through the foresight of the Governor, the Legislature, and the Board of Regents; and the hard work of the late president, Dr. Blake R. Van Leer, former Acting President Paul Weber, President Edwin D. Harrison, and the Georgia Tech Advanced Planning Committee.

Those scheduled for immediate construction include the Infirmary, the Electrical Engineering building, the dormitories, and the Nuclear Reactor. Other buildings in the planning stage are named in the listing to the left.
This Nuclear Reactor, coming soon, will add valuable research facilities.

Construction was started in the Winter Quarter on Tech's new Infirmary.
Fall

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For His Dedicated Spirit, Inspiring Guidance, Future, We Dedicate The Blue Print To Dr.
SELDOM DO YOU meet a college administrator who enjoys popularity among both students and faculty, and yet is profoundly respected by both groups. There is a person at Georgia Tech that meets this description. In all that he does his pleasant personality, his remarkable ability, and sincere dedication to the school is readily apparent. His prime concern seems to be Tech’s name and his goal, to do all within his power to make it greater.

Under his inspiring leadership, Georgia Tech is modernizing to meet the present and future needs of engineers, architects, scientists, and managers. His hard work brought about the recent addition of the classroom and the Radio Isotopes buildings, and the future addition of the Electrical Engineering and the Nuclear Reactor buildings.

For all that he has done in these two short years, and for his love for Georgia Tech, we dedicate this 1959 Blue Print to Dr. Edwin D. Harrison.
The Fall Quarter Brings Many Changes . . .

Coach Alexander’s niece accepts this plaque presented in honor of her uncle.

AS STUDENT AMBASSADORS from all over the world gathered in September for a new school year, little did they realize the many changes that would take place during the quarter. It seemed a typical year till the first home football game when everyone saw for the first time the new stadium addition. Then as the quarter progressed other changes took place. Under Dean Dull’s guidance, the dorms were organized into separate student groups that participated in various campus activities such as intramural sports. Then as the quarter progressed even more, the student council sponsored the first all-student meeting. At this meeting Dr. Harrison spoke briefly and then answered student questions from the floor. Finally the quarter came to a close with the dreaded final exams.
Seating 5714 people, the new north stands increase the stadium capacity by 3200.

Dr. Harrison speaks to the student body at the first all-student meeting.

A new teaching method at Tech, final exams have proven to be successful.
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A Rambling Reck returns from a tour of the campus with a group of freshmen.
Jim Smythe entertains his group with a midnight “bullsession”.

Another Year Begins

FALL IS HERE and with it another school year begins. The Freshmen are at Lake Louise being prepared for the events they will face in the coming weeks. Fraternity men are busy cleaning their houses and giving the rush lists a final inspection. Suddenly Fraternity Row is livened by the blare of combos and the chatter of rush girls. The first ten days disappear and many Freshmen become fraternity men. Weird shapes begin rising from the lawns of fraternity houses, the sparkle of arc welders can be seen in the night, the Jackets put a little extra zip into their workouts at Rose Bowl Field, and Homecoming is again upon us. The Jackets are upset by a fired-up Alabama eleven, but this is soon forgotten as the sound of Woody Herman emerges from the Coliseum. The first snow blankets the campus and minds are turned toward winter and the Holidays.
A "Rat" gets his first chance to "snow" some Scott girls.

Rushees and dates are entertained by a "hula-hooping" sailor.
Rushee and rush girls chat beneath sheltering bamboo.

Freshmen wave their hats during a pep rally before the Auburn-Tech football game.

Rushee is introduced to brothers at KA’s Roaring Twenties party.
Deciding for whom to vote in the "Ugliest Man" contest is not easy.

A Freshman campaigner looks with hope toward an approaching voter.

Students look over displays of different clubs at Activities Night.
Betty awards exhausted winner of cake race a kiss plus a cake.

Phi Epsilon Pi's winning wreck smokes before judge's stand.

Woody Herman gives the down beat and the Homecoming Dance is under way.

The Homecoming Queen and her court prepare to enter the rock parade.

The Queens cheer the Jackets on as Mrs. Homecoming's husband looks on.
Coeds vie for positions as they run in female cake race.

Miss and Mrs. Homecoming. Betty Lindstrom and Linda Johnson with judge.
Homecoming displays were won by Lambda Chi's huge pink elephant.

Jeri Southern adds cool music and pretty scenery to jazz concert.

Running gets tough through the middle as Alabama defenders close in.
Kappa Sig's make final adjustments on "reck" as parade nears.

Theta Chi mechanics look toward hill up which their wreck must go.
Coed proves that she can protect herself when the snow falls.

Season's Greetings are extended in form of final exams.

Sometimes just as much snow falls outside of class as inside.