

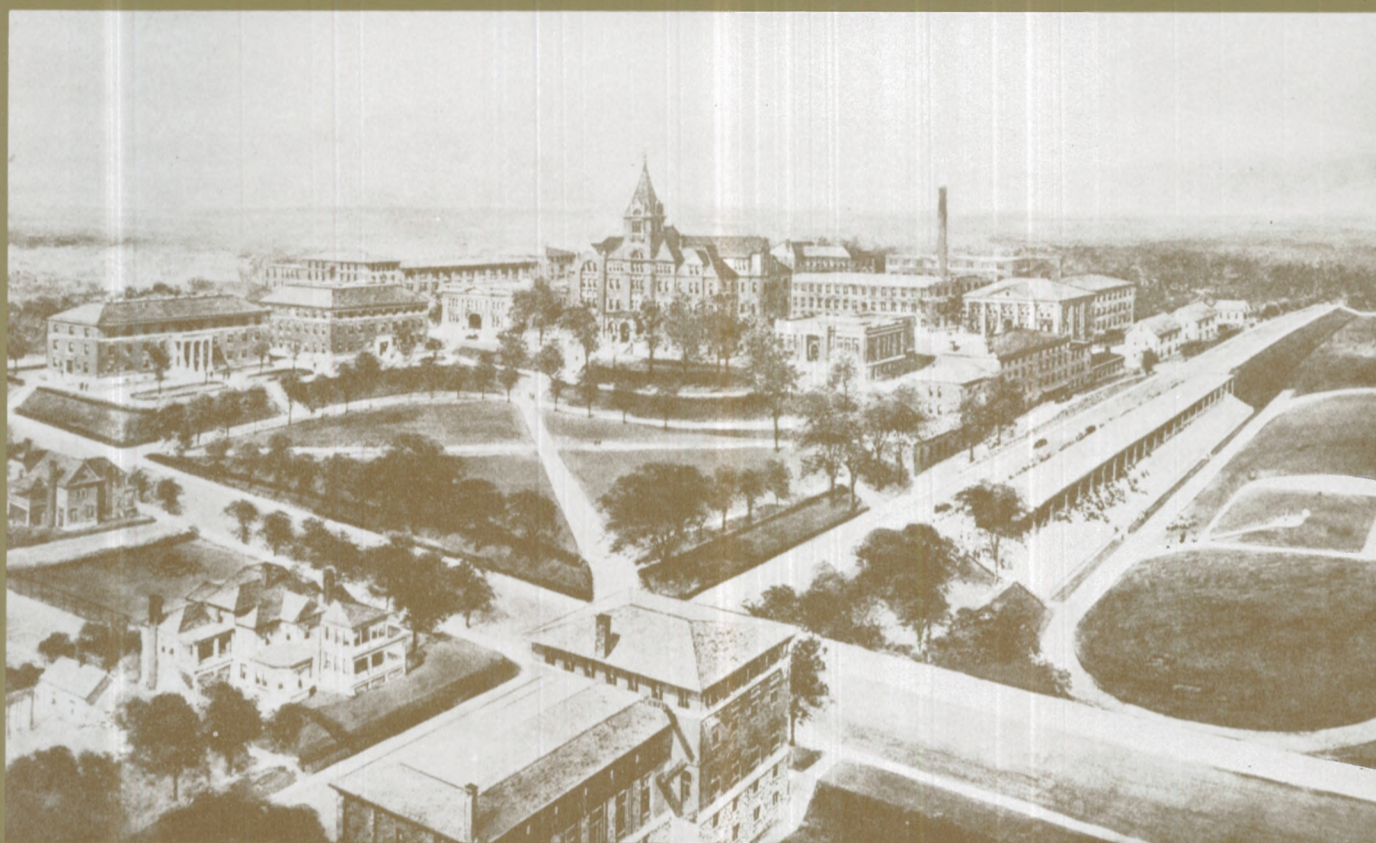
1985

Blueprint

GEORGIA INSTITUTE

OF TECHNOLOGY

100
YEARS



1985

Blueprint

GEORGIA INSTITUTE OF TECHNOLOGY

VOLUME 78

100
YEARS

ATLANTA, GEORGIA 30332



Student Life	14
Academics	62
Beauties	124
Organizations	140
Residence Halls	200
Sports	226
Greeks	302
Classes	394
Closing	500

Editor-in-Chief	Karen L. Jones
Photo Editor	Keith Swindell
Business Manager	Mashiho Yuasa
SECTION EDITORS	
Student Life	Jane Wilson
Academics	Chuck Anderson
Organizations	Pete Finlay
Residence Halls	John Warchol
Sports	Syed Naseeruddin
Greeks	Russ Whittle
Classes	Debbie Gazzuolo

Copyright© 1985 by Karen L. Jones and the Board of Student Publications, Georgia Institute of Technology. All rights reserved. No part of this publication may be produced or transmitted in any form or by any means without permission in writing from the editor or the Board of Student Publications.



Harris/Hanson Conceive Tech

During the years 1870-1890, the South was in the midst of a period of economic growth. Following the War Between the States, Georgia placed high priority on expansion in manufacturing, the railroad industry, and in real estate. The growth of such industries led to the realization that Georgia was in need of a technical school. In 1882 an active campaign for the establishment of such a school was initiated by Nathaniel Edwin Harris, a Macon attorney, and Major J. F. Hanson, a manufacturer.

Harris is quoted as saying "I would rather be author of a law establishing such a school than to be governor of Georgia." The previous quote is particularly interesting because he eventually accomplished both. A bill was presented to the legislature to create a school whose purpose would be to create engineers, and mechanics in order to encourage the expansion of manufacturing in the State of Georgia.

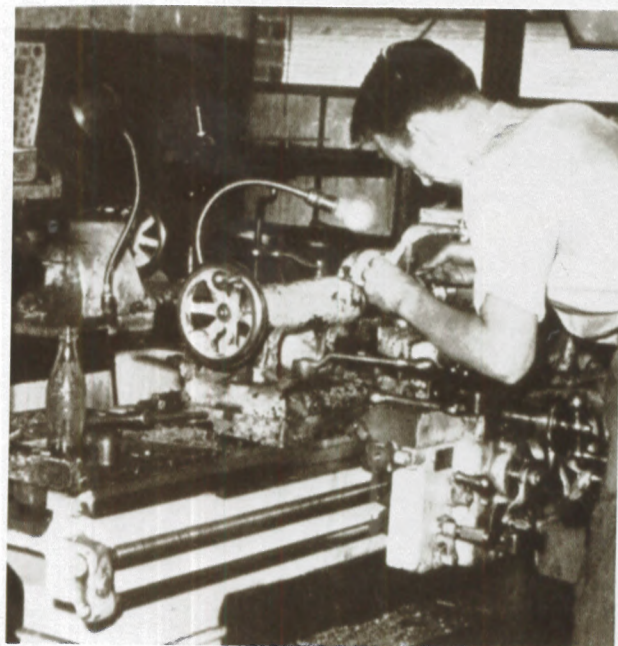
Once the bill was passed in the legislature a commission was formed to pick the location. Locations all over the state including Athens were considered

for the new school. The location in Atlanta was picked by a narrow margin. Students in Athens were so disappointed that the technical school would not be located in Athens that they burned Judge Heard in effigy. The Judge apparently changed his mind at the last minute and voted for Atlanta over Athens. His vote was the deciding factor.

The original campus consisted of nine acres with no dorms or eating facilities. The school was originally classed as a department of the University of Georgia. The only degree offered was in Mechanical Engineering. The first year, 1885, boasted 129 registrants. Tech was tough from the start; however, only 28 students out of the original class graduated. All of the original students were from Georgia except for two. These two exceptions paid tuition fees of \$150.00.

LEFT TO RIGHT: Techies take a break. The professor offers knowledge. BOTTOM, LEFT TO RIGHT: The old stadium saw many triumphant Yellow Jacket squads. The 1908 classmen were pioneers. Tech students were masters in the shop.





First Faculty Named

1882 *A conversation between two confederate veterans marked the beginning of the drive to open a technological school in Georgia. These men were Nathaniel E. Harris, then a prominent Macon attorney, and Major J. F. Hanson, a manufacturer at the time.

1885 * The bill to establish a technological school in Georgia was approved on October 13.

1888 *Isaac Stiles Hopkins became Tech's first President.

*School of Mechanical Engineering was established.

*Alpha Tau Omega, the first national fraternity was established on campus.

*The first faculty members were named:

Lyman Hall

Rev. Charles Lane

Dr. William Emerson

R. B. Shepherd

Professor of Mathematics

Professor of English

Professor of Chemistry

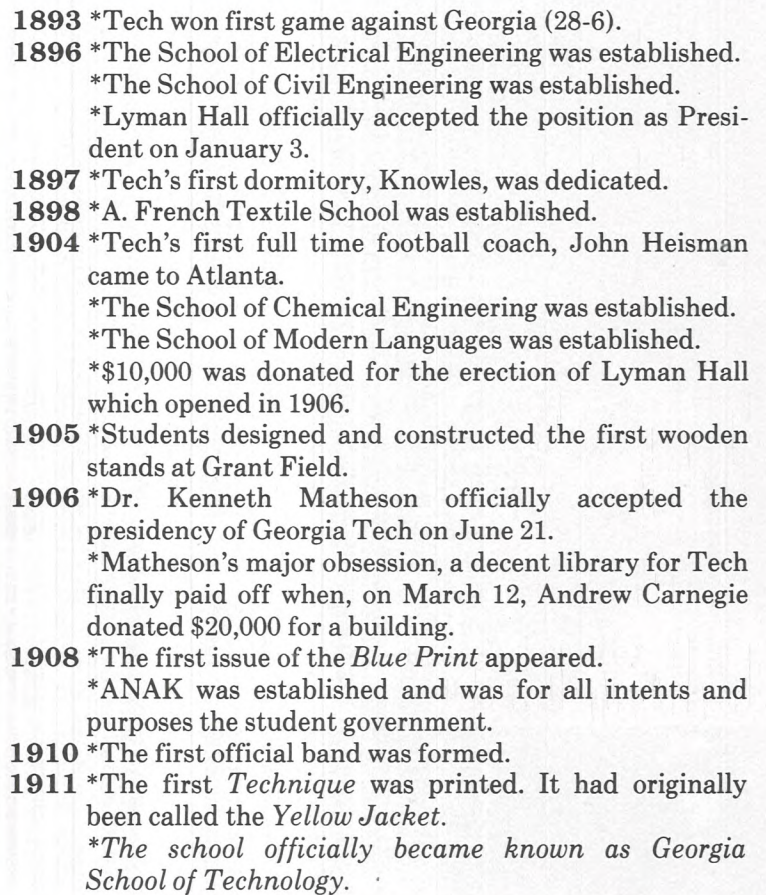
*Professor of Mechanical
and Freehand Drawing*

1890 *George G. Crawford and Henry L. Smith became the school's first graduates.

1891 *White and Gold were unofficially used as the school colors.

1892 *First football team was formed in an effort by students to develop school spirit.





TOP, LEFT TO RIGHT: Some early drawing labs. In early days the center of campus was around the Savant and Swann buildings. *BOTTOM, LEFT TO RIGHT:* An early Tech track team out front as usual. As we can see, the dining halls have never been luxurious.



World Record Set

- 1912** *Dramatic Club (now DramaTech) was formed.
*The cooperative program was established. Students worked for a week and went to school for a week.
- 1913** *The Freshman Cake Race gained its title when a cake was awarded to the winner.
- 1914** *Twelve national fraternities existed at Tech.
- 1915** *ANAK initiated the rat hat tradition.
- 1916** *The highest score in college football was recorded when Tech beat Cumberland 222-0.
*Georgia Tech Student Government Association was formed by ANAK to be responsible for student activities excluding athletics.
- 1917** *WWI was in progress. Georgia Tech was selected to give instruction in military aeronautics, wireless telegraph, and radio communication.
- 1918** *The Tech Seal was approved. It was designed by Professor F. P. Smith.
- 1919** *State passed a bill to create an Engineering Experiment Station.





- 1920 *William A. Alexander became head football coach.
- 1922 *The graduate school offering a degree in master of science was developed.
*Dr. Marion L. Brittain accepted the presidency.
- 1923 *WGST radio station was given to Tech and operated by the EE Department.
- 1924 *School of Ceramic Engineering was established.
- 1925 *The first section of concrete stands was completed in Grant Field giving Tech one of the best stadiums in the South.
- 1927 *George P. Burdell arrived on campus.
- 1928 *The leading light of the track team, jumper Ed Hamm set a world's record for the broad jump.
- 1929 *The receipts from the Rose Bowl game were used to complete Rose Bowl Field.
- 1930 *Omicron Delta Kappa appeared on campus.
*The Guggenheim Award of \$300,000 was given to Tech to establish the aeronautical school.
*The Yellow Jacket Club (now the Ramblin Reck Club) formed to promote school spirit.
- 1933 *The Techwood homes became the first federally funded housing project in the nation.
- 1935 *Industrial Management Degree established.

TOP, LEFT TO RIGHT: Here is the winner of one of the first freshman cake races. Proms in the early Tech days were more formal than today.
BOTTOM, LEFT TO RIGHT: Most men have always been lonely here at Tech. Some of the early fraternity houses enjoyed their own food services instead of the campus dining halls.

AA Acquires Wreck

- 1938** *The Ramblin Reck Parade started.
- 1940** *George Griffin establishes the placement office.
- 1942** *War time program initiated during WWII.
- 1944** *Blake Ragsdale Van Leer became president of Georgia Tech.
- 1945** *Tech decided to convert to the quarter system.
*Robert Lee Dodd became head football coach. His incredible career record consisted of 135 wins, 52 losses and 7 ties.
- 1947** *Tech's mascot "Sideways," a dog, died.
- 1948** *Tech's official name was changed to Georgia Institute of Technology.
- 1952** *The Board of Regents makes Tech coeducational.
- 1955** *The groundbreaking for Alexander Memorial Coliseum was held.
- 1958** *The drown-proofing system developed by Fred Lanuoe gained recognition nationally.
- 1959** *Bobby Dodd was elected to the National Football Hall of Fame.
- 1969** *The first Ramblin Reck was purchased by the Athletic Association.
*Dr. Arthur Hansen became Tech's President.
- 1963** *75th Anniversary Celebration was held. Defense Secretary McNamara delivered key address.

TOP, LEFT TO RIGHT: Manual registration was horrendous. Jailbirds swarm early wreck. Students hang out. BOTTOM, LEFT TO RIGHT: Rat gets a "T." The "V" was a popular place.





- 1964 *Tech withdraws from the SEC.
- 1967 *Leon "Bud" Carson became head football coach.
- 1970 *Student Center was completed.
- 1971 *Joseph Mayo Petit became Tech's President.
- 1972 *Bill Fulcher became head football coach.
- 1973 *Merdith Corp. buys the WGST radio station.
- 1974 *Pepper Rogers became head football coach.
- 1977 *The Student Athletic Complex was completed.
- 1978 *Some students steal the Tech whistle.
- 1979 *MARTA rapid transit system opened on June 30.
- 1980 *Bill Curry became head football coach.
- 1984 *Antonio McKay wins gold and bronze medals at the Olympic Games in Los Angeles.
- *China 7000 Years of Discovery exhibit at the High Museum kicked off Georgia Tech's centennial.
- 1985 *The Centennial Celebration was held in conjunction with Homecoming activities on October 13.

Before the first students could begin classes at Tech in October, 1888, they were required to take an entrance exam. Parts of this exam are listed below:

Arithmetic

1. Divide, by decimal division, two-tenths by one tens of millionths.
2. Divide 34 bu., 2 pks., 5 qts., 1 pt., by 7.
3. If 450 soldiers are to be furnished with clothing, each suit requiring 9 yards of cloth one yard wide, how many yards of flannel $\frac{3}{4}$ of a yard in width would be required to line the suits?

Algebra

1. Add $x^2 - xy + ab$, $x^3 - 2xy - 2ab$, $4xy + 6xy - x^2$ and $10x^3 + 2xy - 10ab^2$.
2. Subtract $x^{10} - y^{10}$ from $x^2 + 2xy - y^{10}$.
3. Multiply $x^2 - 2xy + y^2$ by $x^3 - y^3 + 3xy - 3xy$.
4. Divide $60yz - 40xy + 12xy + 100z^2$ by $2x + 3y - 10z$.

History

1. How many voyages did Columbus make to America? Give the date of each.
2. Name the presidents in order to Cleveland and place opposite the name of each the length of his term of service.
3. Name the wars the colonies were engaged in before the Revolution.

Geography

1. Between what parallels of latitude and meridians of longitude does the United States lie?
2. Mention all the rivers of Georgia and Texas.
3. Name the countries which lie on the eastern and southern coasts of Asia.
4. Through what waters would you pass in going by steamer from Pittsburgh, Pa., to St. Petersburg, Russia?

English Grammar

1. Write out the 3rd person singular of the verb "to do," in all its moods and tenses, active and passive.
2. Make short sentences showing the different uses of the participle.
3. Give the feminine of the following masculine nouns: author, singer, czar, stag, salesman, agent.

TOP, LEFT TO RIGHT: Early engineering professors don't look too different than today's. President Blake Van Leer and wife attend one of the socials of the early years. BOTTOM, LEFT TO RIGHT: A blistering fall day surrounds the pre 1900 Academic building. Miss Marilyn Monroe poses for the 1953 Blue Print staff. The first Tech Band sits for their group shot.



Tech's Requirements Have Been Tough From the Start

