WALT TAYLOR
The Blueprint
1946
In the make up of the 1946 Blue Print, the editors have tried to forge a pictorial representation of life at Georgia Tech from March 1945 to March 1946. We feel that, by including many informal pictures, we have published a book well worth keeping for the years to come. If you enjoy looking through the pages of the 1946 Blue Print then we consider our job well done.

Georgia Tech, like all great colleges, has many traditions. One of these, we believe, truly depicts life at Georgia Tech; therefore, George P. Burdell, the little man who isn’t there, was chosen as this year’s theme. Following you will find the story of George; we hope you enjoy him as we have.

George P. Burdell, Tech’s perennial freshman, entered Tech before the turn of the century. Miss Estelle Allen, Associate Registrar, cannot find any record of his admission, high school preparation, or college credits. Faulty preparation probably explains his repetition of courses without his receiving credit. New workers in the Registrar’s office spend fruitless hours searching for George’s credits, when any Freshman could tell them English 10, Math 3, and Chemistry 0 don’t count. Registrar Lloyd W. Chapin says George P. Burdell, in his opinion, is just a chronic card-filler - outer.

Inquiry into Burdell’s affairs shows his marked partiality for new instructors. Many consider a Burdell seal of approval the *sine qua non* of success as an instructor at Tech. Others maintain that Burdell’s repetition of non-credit courses under instructor after instructor is incontrovertible proof of his faulty preparation for technical training and cannot by any stretch of the imagination be considered a reflection upon the instructorial ability of Tech teachers. In fact, the older teachers at Tech refuse to let Burdell remain in their classes. In 1941 a student named Charles Burdell was embarrassed by having his registration card torn up and thrown away by knowing professors and administrators. Finally they were convinced Charles was Charles and not George, and only then would they permit him to remain.

Mr. Jamie Anthony says he has frequently seen George P. Burdell’s name listed for non-payment of fees. Mr. Anthony says that a person, purporting to be Burdell’s father, once offered to meet all his expenses. Miss Harriet Henderson believes that Mr. Anthony is mistaken about this.
offer as well as the intimation that George doesn’t pay up. Any offer of this kind would have come through her office. No such offer was ever received, and, further, George never has asked for a loan or a scholarship. Miss Henderson says that George’s long record of financial stability is without parallel. She seriously denies a report that a George P. Burdell, identifying himself as a student of Architecture at Tech, ever charged $50 worth of gasoline at an Amoco filling station. She has George’s letter of denial to Dr. Brittain. “My reputation has lain me open to such accusations,” writes George, “I not only don’t use gas, I am not an architect. I’ve never even taken mechanical drawing. Ask Prof. Homer Weber. I stay away from any drawing board except when it’s being used for draw—or possibly stud. I’ll be responsible for my own debts if I should ever make any—but not for any imposter’s.”

Mrs. W. R. Taylor has counted one vote for George P. Burdell in every race for every student office during every year she’s been at Tech. His experience and interest in college politics stood him in good stead when he vigorously supported the candidacy of Ellis Arnall for the governorship of Georgia. Surprisingly, all through the campaign he used a Ponce de Leon address that appears on the map as an alley by Howell Dormitory. In the alley is located the steam producer for the Tech Dining Hall.

Mrs. Taylor treasures Burdell’s excuses for cutting classes. He’s frequently being dropped for excessive absences. Succinctly he gave this excuse for missing Physics 27: “I am very sick from taking physics.”

A puzzling contribution to the account of Burdell is related by Professor Glenn W. Rainey, veteran member of the English Department: “I accompanied the Tech Glee Club when they gave a concert at the Federal Penitentiary. We were carefully checked and asked to sign a register. When we started to leave, the guards seemed disturbed. They counted us again and again. George P. Burdell had signed in, and he could never be found to sign out. Finally we persuaded the guards to let the rest of us leave; Burdell, I believe, is still there.”

Mr. Rainey and others who believe stone walls make a clink and iron bars a bull ring do not know George P. Burdell. Immediately after Pearl Harbor Burdell joined the enlisted reserve with the definite understanding on his own part that he would not be called to active service until he had completed his education. He was so upset by being sent with a large contingent of Tech students to Camp Crowder, Missouri, that he was immediately put on report and listed as A. W. O. L. from that camp. In war as well as in peace, elusive is the word for Burdell.

Despite troubles at Crowder and elsewhere, his war service must have been fairly honorable; for he is now back at Tech. Mr. Jessie Renfroe, adviser at large, reports George as saying, “I feel the need for a refresher course, and I’m signing up for the D. E. T. Watch me as soon as I get squared away. (Could George have possibly served in the Navy?) I’m back at Tech for work and for good!”
We Dedicate

the Nineteen Forty-Six Blue Print

to

DEAN

FLOYD FIELD

who, for over 40 years, has devoted his energies
and efforts to the advancement of Georgia
Tech. We give credit where credit is due.
Life at
Old George won't really graduate,
So hide your fears and scoffs.
He just came by to show "youze-all"
Some glimpses of
Blake R. Van Leer has inaugurated a new era at the Georgia School of Technology. Under his inspired leadership, our school is destined to rise to greater heights of educational prominence. He is truly an illustrious leader of an outstanding institution.
BLAKE RAGSDALE VAN LEER
President of The Georgia School of Technology
Dr. Brittain, born and educated in Georgia, has devoted his life and energies to the furthering of education in Georgia. In his position as President of Georgia Tech for more than 20 years, he guided its growth to national prominence.
Deans

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Executive Dean Emeritus

Phil Blasier Narmore
Executive Dean

Floyd Field
Dean of Students
CHERRY LOGAN EMERSON
Dean of Engineering

ROBERT IRVING SARBACHER
Dean of Graduate Division

RALPH A. HEFNER
Dean of General Studies

More Deans
Administration

Frank King Houston
Comptroller

Lloyd Walter Chapin
Registrar

Frank F. Groseclose
Head of Department of Industrial Engineering

Leslie F. Zauffa
Public Relations Officer
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MALCOLM WALLACE BAYLEY, Secretary to the Executive Dean
WILLIAM A. ROBERTS, Assistant Secretary to the Dean

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LOUIS L. CAROLLO, Registrar and Secretary to the Faculty

IV. THE COMPTROLLER'S OFFICE

FRANK KING HOUK, C.P.A., Comptroller

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CHERRY LOGAN EMERSON, R.M., B.S. IN M.E. AND E.E., Dean of Engineering

VII. THE DEAN OF GENERAL STUDIES

RALPH A. HEFTNER, Ph.D., Dean of General Studies

VIII. DEAN OF STUDENTS

FLOYD FIELD, A.B., A.M., Dean of Students

IX. ENGINEERING EXPERIMENT STATION

GERALD A. ROSSELOT, Ph.D., Director

X. LIBRARY

MRS. JAMES HENLEY CROSLAND, Librarian

XI. HEALTH DEPARTMENT AND INIRMARY

S. L. H. HANSON, M.D., School Physician

XII. DIVISION OF CO-OPERATIVE ENGINEERING

JAMES EARL McCAIN, M.A., LL.B., Professor and Director of the Co-operative Engineering

XIII. EXTENSION DIVISION

MRS. G. B. TURNER, Registrar of the Extension Division
XIV. YOUNG MEN'S CHRISTIAN ASSOCIATION
    William J. Pailey, A.B., M.A., and LL.B., Acting Secretary

XV. ALUMNI PLACEMENT OFFICE
    R. J. Thieson, Director

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    Lyke Welser, Assistant Professor
    Norris C. Dean, Assistant Professor
    Lyford L. Reyes, Assistant Professor
    Frederic E. Landis, Assistant Professor
    Julian Howard Pettard, Assistant Professor
    Tommy Plaxco, Instructor

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    Frank F. Groseclose, Assistant Professor of Industrial Education

DEPARTMENT OF SAFETY ENGINEERING
    William M. Cox, Professor and Head of the Department

DEPARTMENT OF PUBLIC RELATIONS
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DEPARTMENT OF PSYCHOLOGY
    Joseph E. Moore, Professor and Head of the Department
    James F. T. Bugental, Assistant Professor

James Erskin McDaniell
Director of Co-operative Department

Edwin Henry Folk
Superintendent of Dormitories

William A. Alexander
Director of Athletics

Joseph E. Moore
Head of Department of Psychology

J. J. Pershing
Assistant Dean of Students
Aeronautical Engineering

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Professor and Head of the Department

ALAN POPE
Associate Professor

E. F. BRICKER
Assistant Professor

LAWRENCE V. JOHNSON
Assistant Professor

GEORGE K. WILLIAMS
Assistant Professor

A. L. DUCOFFE
Instructor

JOHN J. HARPER
Instructor

Top: The Aero Staff includes, left to right: Williams, Harper, Ducoffe, Dutton, Brick, and Pope.
Bottom: A familiar scene in the Aero Lab.

The research wind tunnel.
DEPARTMENT OF ARCHITECTURE

Herold Bush-Brown
Professor and Head of the Department

James Herbert Galley
Professor

Paul Malcolm Heffernan
Professor

James J. Pollard
Associate Professor

Edward Allen Moulthrop
Assistant Professor

Prospective architects at work.
Civil Engineering

The Staff, left to right: Black, Jennings, Lucas, Evans, and Smith.

T. H. EVANS
Head of the Department

DEPARTMENT OF CIVIL ENGINEERING

THOMAS HATHURST EVANS
Professor and Head of the Department

Jack Morgan Smith . . . . . . . Professor
Ralph Peters Black . . . . . . . Associate Professor
James Henry Lucas . . . . . . . Associate Professor
Roy T. Jennings . . . . . . . . Assistant Professor

Surveying Lab.

The C. E. Building.
Chemical Engineering

A view of Ch.E. Lab.

DEPARTMENT OF CHEMICAL ENGINEERING
JESSE W. MASON
Professor and Head of the Department

PAUL WEBER
Professor
HOMER V. GRUBB
Assistant Professor
ROBERT N. MILLER
Assistant Professor
NATHAL SUGARMAN
Assistant Professor

The Head of Ch.E.
J. W. MASON

The Staff, left to right: Sugarman, Grubb, Mason, Weber, and Miller.
DEPARTMENT OF ELECTRICAL ENGINEERING

Professor Emeritus Emeritus
Professor and Head of the Department

Domenico Pietro Savant
Professor

Robert Edward Duling
Professor

Thomas Grayson Seidell
Professor

Martial Alfred Honnell
Associate Professor

Ashford Worthington Stalnaker
Associate Professor

B. J. Dasher
Assistant Professor

Arthur Hagedorn
Instructor

H. L. Mckinley
Instructor

Electrical Engineering
Many happy hours are spent here.

DEPARTMENT OF ENGINEERING DRAWING AND MECHANICS

WILLIAM BEN JOHNS
Professor and Head of the Department

Homer S. Weber . . . . . . . . . . . . . . . . . . Professor
Frank Bogle . . . . . . . . . . . . . . . . . . . . Associate Professor
Francis Marion Hill . . . . . . . . . . . . . . Associate Professor
Francis M. Brannen . . . . . . . . . . . . . Assistant Professor
Joseph C. Durden . . . . . . . . . . . . . . . Assistant Professor
Ishmael LeRoy Ellis . . . . . . . . . . . . . . Assistant Professor
Wilbur B. Ratterree . . . . . . . . . . . . . Assistant Professor
Frank M. Rowan . . . . . . . . . . . . . . . . Instructor

W. B. JOHNS
Department Head

The Mech Staff, left to right: Weber, Johns, Ratterree, Brannen, Bogle, Ellis, Durden, Rowan, and Hill.
Mechanical Engineering

DEPARTMENT OF MECHANICAL ENGINEERING
Roy Stevenson King
Professor and Head of the Department

William Van Dunkin
Archibald Dinsmore Holland
Howard Ward Mason
Ray L. Swigert
Robert Lewis Allen
Otis Miles Harrelson
Richard Adlbert Trotter
Horace Orion Foster
H. A. Marcoux
C. R. Weedon
George Z. Bonner
Allando A. Case
J. W. Davis
J. E. Delk
John Henry Henika
John Topham

Professor
Professor
Professor
Professor
Associate Professor
Associate Professor
Associate Professor
Assistant Professor
Assistant Professor
Assistant Professor
Instructor
Instructor
Instructor
Instructor
Instructor

Above:
The M.E. building.

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Director
Charles Alfred Jones . . . . . . . . . . . . . . . . . . Professor
William Lawson Cameron . . . . . . Associate Professor
Ralph Lyon Hill . . . . . . . . . . . . . . . . . . . . Associate Professor
James L. Taylor . . . . . . . . . . . . . . . . . . . . Associate Professor
J. Weidman McCarty . . . . . . . . . . . . Assistant Professor
John Roy Brandon . . . . . . . . . . . . . . . . . . Instructor
David Ernest Philpot . . . . . . . . . . . . . . . . . . Instructor

The Textile Staff, left to right: Philpot, Brandon, McCarty, Dickert, Hill, Taylor, Carmichael, and Jones.


Willingham and You in T.E. Lab.
Mathematics

DEPARTMENT OF MATHEMATICS

DAVID M. SMITH
Professor and Head of the Department

RALPH A. HEFNER
Professor

HERMAN KYLE FULMER
Associate Professor

WALTER REYNOLDS
Associate Professor

ALLEN HUNNICUTT BAILEY
Assistant Professor

CHANDLER H. HOLTON
Assistant Professor

AUSTIN LEROY STARRETT
Assistant Professor

WILLIAM CHARLES BORNMAHN
Instructor

H. L. COOK
Instructor

WILLIAM BRUNNER KEHL
Instructor

JOHN RICH VALE
Instructor

E. F. WELLS
Instructor

Math is taught in the Old Shop Building.

The Profes are, left to right, first row: Reynolds, Fulmer, Smith, Kehl, Holton. Second row: Bornmann, Hefner, Starrett, Vail, Bailey, and Wells.

Right: Football tickets are sold in the Athletic Association's Building.
DEPARTMENT OF PHYSICS

Joseph Herman Howe
Professor and Head of the Department

Jesse Boland Edwards . . . . . . . . . . . . . . . . . . . . . . . . . Professor
Earle Edgar Bortell . . . . . . . . . . . . . . . . . . . . . . . . . . . Associate Professor
Edward Theron Prosser . . . . . . . . . . . . . . . . . . . . . . Associate Professor
Walter P. Ewalt . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Assistant Professor
Edward Allen Moulthrop . . . . . . . . . . . . . . . . . . . . Assistant Professor
W. O. Alton . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Instructor
Robert W. Koza . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Instructor
Charles W. Tope . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Instructor

DEPARTMENT OF GENERAL ENGINEERING

Ray L. Swiecigert
Professor and Head of the Department

Entrance to the Physics Building.

The Physics Staff, left to right, first row: Koza, Howe, Bortell.
DEPARTMENT OF ECONOMICS AND SOCIAL SCIENCE

HUBERT A. DENNISON
Professor and Head of the Department

J. CARLTON BROWN .... Associate Professor
WILLIAM J. PROCTOR .... Associate Professor
NOAH WARREN .... Associate Professor
FRED B. WENN .... Associate Professor
JOSEPH REYANT HARRINGTON .... Assistant Professor
GLENN N. SISK .... Assistant Professor

DEPARTMENT OF ENGLISH

WILLIAM GILMER PERRY
Professor and Head of the Department

EDWIN HENRY FOLE .... Professor
ANDER J. WALKER .... Professor
HAL CHAPMAN BROWN .... Associate Professor
GLENN W. RAINLEY .... Associate Professor
DICE ROBINS ANDERSON .... Assistant Professor
JOHN M. ADEN .... Instructor
J. C. HORTON BUMCH .... Instructor
WILLIAM H. CRATER .... Instructor
JOHN Raine DONHAM .... Instructor
KENNETH M. ENGLAND .... Instructor
EDWARD FOSTER .... Instructor
CARL HUNTINGTON KETCHAM .... Instructor

The Economics Staff includes, left to right: Brown, Wenn, Harrington, Proctor, and Warren.

Dr. Perry is head man in the English Department.

S.S. is taught in Swann Hall.

Below, the English Faculty, left to right, first row: Anderson, Rainey, Kesbaugh, Crater, Dunbar. Second row: Foster, Brown, Folk, and Walker.
DEPARTMENT OF CHEMISTRY

JOHN LAWRENCE DANIEL
Professor and Head of the Department

William Simpson Taylor
Benjamin Blackiston Wroth
Paul Kenneth Calaway
William Monroe Spicer
Wyatt Carr Whitley
Henry Leitner Edwards
Cornelius Andrews Wells
Walter Herbert Burrows
E. T. Waters Ross
F. E. Royals

DEPARTMENT OF MODERN LANGUAGE

ROBERT MILLER ERWIN
Professor and Head of the Department

Joseph Abelardo Campasino
James Dixon Wright

DEPARTMENT OF BIOLOGY AND PUBLIC HEALTH

HUGH ALLEN WYCKOFF
Professor and Head of the Department

Top: Professor Erwin and Campasino teach Language.

Bottom: Wyckoff heads Biology and Public Health at Tech.