GRADUATE STUDENT SENATE OFFICERS: Cole Bryan, Vice-President; Larry Patrick, President; Jesse Cheatum, Treasurer. Not Pictured: Chick Swartz, Secretary.
Mechanical Engineering

BIVENS, ROBERT W.  .  .  .  Wingate, N. C.
City Planning

BLY, ALLEN R.  .  .  .  .  .  Atlanta, Ga.
City Planning

BOLTE, PHILIP L.  .  .  .  East Point, Ga.
Electrical Engineering

BOSWORTH, ROBERT T.  .  .  .  Miami, Fla.
Chemical Engineering

BOYD, WALTER L.  .  .  .  New Orleans, La.
Civil Engineering

BRAVO, PABLO  .  .  .  Medellin, Colombia
Civil Engineering

BRIGGS, DONALD B.  .  .  .  Dayton, Ohio
City Planning

BRYAN, COLEMAN J.  .  .  .  St. Augustine, Fla.
Chemistry

Chemistry

BUNDSEN, BRUCE  .  .  .  Atlanta, Ga.
Math

BURKhardt, WILLIAM A.  .  .  .  East Point, Ga.
Electrical Engineering

BUSH, AUBREY M.  .  .  .  Macon, Ga.
Electrical Engineering

CATTANEo, JOHN C.  .  .  .  San Francisco, Calif.
Industrial Management

CAVENY, LEONARD H.  .  .  .  Atlanta, Ga.
Mechanical Engineering

CHEATHAM, JESSE R.  .  .  .  Dothan, Ala.
Industrial Management

CHEN, FEN C.  .  .  .  Hukou, Hiinchu, Taiwan
Chemical Engineering

COLLAZO, JOSE L.  .  .  .  Santurce, Puerto Rico
City Planning

Textile Engineering

CORNAY, FLORIAN O.  .  .  .  East Point, Ga.
Electrical Engineering
CUNNINGHAM, CHARLES D. . . . Atlanta, Ga.
   City Planning
CUNNINGHAM, JAMES W. . . Washington, D. C.
   Electrical Engineering
DAVIS, HAL A. . . . . Atlanta, Ga.
   City Planning
DEESE, MARION D. . . . Atlanta, Ga.
   Industrial Management

DETHLEFS, HENRY J., III . . . Omaha, Nebr.
   Aeronautical Engineering
DEWBERRY, DUDLEY C. . . Atlanta, Ga.
   Industrial Management
DIX, RICHARD E. . . . . Atlanta, Ga.
   Aeronautical Engineering
DODGE, WEAVER A. . . . Talladega, Ala.
   Electrical Engineering

DOWDY, WILLIAM W. . . Chattanooga, Tenn.
   Chemical Engineering
EARHART, JAMES M. . . . Atlanta, Ga.
   City Planning
ECHEVERRI, TEODORO J. . . Atlanta, Ga.
   Mechanical Engineering
EDELEN, WALTER T. . . . Erie, Penna.
   City Planning

EHRENSPERGER, FRED E. . . East Point, Ga.
   Nuclear Engineering
EMMETT, WILLIAM W. . . . Miami, Fla.
   Civil Engineering
ESPY, THOMAS H., JR. . . . Troy, Ala.
   Civil Engineering
FEARS, EMORY B., JR. . . . Atlanta, Ga.
   Industrial Management

FEIR, PHILIP R. . . . . Atlanta, Ga.
   Electrical Engineering
FINK, DAVID . . . . Forest Hills, N. Y.
   Industrial Management
FLEETWOOD, ALLISON M. . . Atlanta, Ga.
   Architecture
FONT, E. LARRY . . . . Miami, Fla.
   City Planning

Graduates
FORBES, PATRICK J. . . . Salisbury, S. Rhodesia
Civil Engineering

FRANCIS, OLLIE B., JR. . . . Atlanta, Ga.
Mathematics

GILLILAND, CLINTON R. . . . Ramey A.F. Base,
Physics 
Puerto Rico

GOODIN, JULIUS A., JR. . . . Miami, Fla.
City Planning

GRiffin, JAMES B., JR. . . . Atlanta, Ga.
City Planning

GROSECLOSE, ROBERT P. . . . Atlanta, Ga.
Industrial Engineering

Industrial Engineering

Industrial Engineering

HARDIE, NEWTON . . . . Atlanta, Ga.
Industrial Engineering

HARRAL, MAX W. . . . . Fayetteville, Ark.
City Planning

HARRIS, HENRY E. . . . . Fort Valley, Ga.
Chemistry

Ceramic Engineering

HESTER, JIMMIE M. . . . . Dublin, Ga.
Textiles

HIBBERT, WILLIAM W., III . . . Atlanta, Ga.
City Planning

Civil Engineering

HOLLEY, EDWARD R., JR. . . . Atlanta, Ga.
Civil Engineering

HOUSE, WILLIAM L. . . . . Atlanta, Ga.
Industrial Management

HURST, JAMES J., JR. . . . . Atlanta, Ga.
Ceramic Engineering

IFRACH, ISAAC . . . . . . Tel-Aviv, Isr.
Industrial Engineering

INGRAM, DONALD G. . . . . Orlando, Fla.
City Planning
JOHNSON, CHARLES M., JR.  Decatur, Ga.  
Mathematics

JOHNSON, GORDON E., III  Atlanta, Ga.  
Chemical Engineering

JOHNSON, WESLEY H.  Erie, Penna.  
Civil Engineering

KEEN, MARSHALL F.  Macon, Ga.  
Industrial Management

KEITH, HENRY G.  Atlanta, Ga.  
Engineering Mechanics

KENT, KENNETH E.  Memphis, Tenn.  
Electrical Engineering

KIDWELL, STANLEY S., JR.  Atlanta, Ga.  
City Planning

LATCH, CHARLES R.  Gladwyne, Penna.  
Electrical Engineering

LATTAL, GERALD L.  Perth Amboy, N.J.  
Aeronautical Engineering

LEE, CHING H.  Taipei, Formosa  
Electrical Engineering

LEE, JIMMY G.  Columbus, Miss.  
Electrical Engineering

LEE, JOSEPH C.  Marietta, Ga.  
Aeronautical Engineering

LEE, WILLIAM J.  Sweetwater, Texas  
Chemical Engineering

LEITNER, WILLIAM H.  Clemson, S. C.  
Chemical Engineering

LEWIS, CHARLES T., JR.  Atlanta, Ga.  
Chemical Engineering

LIANG, ROY T.  Taiwan, China  
Civil Engineering

LOWNDES, RICHARD I., III  Cleveland, Tenn.  
Aeronautical Engineering

LUBKA, LEWIS  Louisville, Ky.  
City Planning

LUKERT, EDWARD P., JR.  East Point, Ga.  
Aeronautical Engineering

MacDONALD, ROBERT N.  Atlanta, Ga.  
Nuclear Engineering
MACINTIRE, HORACE A. . . . . Atlanta, Ga.
   Electrical Engineering

MARTELLOTTO, PETER A. . . . . Bronx, N.Y.
   Industrial Management

   Industrial Management

McGOWAN, OLIVER W. . . . . McRae, Ga.
   Textile Engineering

McSWAIN, DELANO R. . . . . Rebecca, Ga.
   Civil Engineering

MILIA, CARMELO P. . . . . Atlanta, Ga.
   Mechanical Engineering

MORRIS, ROBERT L. . . . . Elmhurst, Ill.
   Mechanical Engineering

PENUELA, LUIS J., JR. . . . Columbia, S. America
   Industrial Engineering

PHILLIPS, CECIL R., JR. . . . Atlanta, Ga.
   Industrial Engineering

PIERCE, JAMES G. . . . . Atlanta, Ga.
   Civil Engineering

PIKE, RALPH W., JR. . . . . Orlando, Fla.
   Chemical Engineering

POAGE, DOUGLAS W., JR. . . . East Point, Ga.
   Electrical Engineering

PORTES, VERNON R. . . . . Dallas, Tex.
   Chemistry

POTTER, GEORGE M., JR. . . . Atlanta, Ga.
   Electrical Engineering

PROVO, JAMES L. . . . . St. Petersburg, Fla.
   Nuclear Engineering

RHYNE, EDWARD E. . . . . Greensboro, Ala.
   Civil Engineering

RODDENBERY, WALTER B., III . . Cairo, Ga.
   Mathematics

SAIRE, DONALD E. . . . . . Atlanta, Ga.
   Chemical Engineering

SALAZAR, ALFREDO A. . . Managua, Nicaragua
   Civil Engineering

SEIDEL, HANS-PETER . . . . Stuttgart, Germany
   Chemistry
SIRES, MELVIN J., III  Macon, Ga.
Nuclear Engineering

SMITH, BENJAMIN M.  Gainesville, Ga.
Sanitary Engineering

SMITH, MICHAEL R.  Almirante, Panama
Mechanical Engineering

SNEPP, CHARLES D., JR.  Knoxville, Tenn.
Civil Engineering

STAPLES, JAMES T.  Pensacola, Fla.
Aeronautical Engineering

STOCKEL, RICHARD  West New York, N.J.
Chemistry

STONE, GEORGE W., JR.  Rome, Ga.
Aeronautical Engineering

SURIANO, FRANK J.  Kenosha, Wis.
Mechanical Engineering

VENABLE, RAY H., JR.  Memphis, Tenn.
Ceramic Engineering

VILLANUERA, JOSE  Saqua de Tanamo, Cuba
Mechanical Engineering

WARE, PAUL N.  Rome, Ga.
Industrial Management

WATERS, JOHN F.  Takoma Park, Md.
Physics

WELLS, ROY A.  Bridgeport, Calif.
Mechanical Engineering

WILDER, CARLTON S.  Atlanta, Ga.
Civil Engineering

WILSON, FRANKLIN C.  Hogansville, Ga.
Industrial Engineering

WOODARD, GLENN C., JR.  Oriental, N. C.
City Planning

WOOLVERTON, ROBERT D.  Ponte Vedra Beach, Fla.
Architecture

WYNNE, GEORGE A.  Atlanta, Ga.
Mathematics

YOUNG, SAMUEL B.  Atlanta, Ga.
Mechanical Engineering

YOUNG, THOMAS J.  Athens, Ga.
Civil Engineering
Fifth Year Architects

ALDERMAN, JAMES B. . . . . Griffin, Ga.
Phi Gamma Delta

Theta Chi

DANIELS, STANLEY L. . . . . Atlanta, Ga.
Tau Epsilon Phi

DRYDEN, ALLEN N., JR. . . . Kingsport, Tenn.
Sigma Chi

FULCHER, JAMES E. . . . . Merritt Island, Fla.
Sigma Phi Epsilon

HUGHES, RUFUS R., II . . . . Parkin, Ar.
Beta Theta Pi

MARSHALL, CHARLES E., JR. . . Atlanta, Ga.


HEYWOOD, ANTHONY C. . . Chattanooga, Tenn.
Beta Theta Pi

MILLER, RONALD H. . . . . Atlanta, Ga.

PIERCE, JOHN A. . . . . Atlanta, Ga.

SWEIGERT, MILTON E. . . . Atlanta, Ga.
Delta Tau Delta

TUNE, JAMES B. . . . . Bartow, Fla.
Beta Theta Pi

VOWELL, BYRON, JR. . . . . Atlanta, Ga.

WEBB, LAMAR T. . . . . Atlanta, Ga.
Departments
THE SCHOOL OF APPLIED BIOLOGY was established this year. Students will begin enrolling in the fall of 1960. The primary aim of the school will be to relate the field of biology to other scientific fields. Graduates will be trained primarily for work in the fields of bio-engineering, health physics, pharmaceutical production, and almost any field where a knowledge of living things is essential.

The Department of Applied Biology, from which the new school is formed, has long been offering courses to students in other schools in general biology, anatomy, and physiology as well as sanitation and industrial hygiene. The purpose of these courses is to provide the engineering students with a knowledge of the problems of health and sanitation and methods used in their solution.

THE SCHOOL OF APPLIED PSYCHOLOGY was formed last year from the old department of psychology. This new school offers a curriculum which stresses the human factor in all phases of engineering and industrial management. The general objective of the curriculum is to provide the student with an understanding of human behavior and its effects in personal, family, and industrial problems. The emphasis is on the experimental approach and the application of scientifically derived facts to the study and solution of human problems.

An attempt is made to make the student sensitive to the whole man: his attitude, his feelings, his fears, and his desire for recognition and security. The applied psychology graduate will be well prepared to work in personnel and training departments in industry.
School of Engineering Drawing and Mechanics

Clark, J. C.
Durden, J. C.
Ellis, I. L.

Hilding, G. D.
Hill, F. M.
Hodson, F. B.

Jacobs, R. K.
Linthicum, T. C.
Mandelker, J.

Mee, F. J.
Narmore, P. B.
Sheridan, A. J.

Smith, D. H.
Smith, R. N.
Sterling, L. P.

Stoneking, C. E.
Whabey, E. M.
Wilks, I. E.

ENGINEERING DRAWING AND MECHANICS are two courses that supply training necessary to all phases of work concerned with technology. No engineer, regardless of his field, has received a complete education without a knowledge of these basic applied courses.

In recognition of the importance of engineering drawing and mechanics, the department has been granted the status of a degree-granting school. Since this is the first year that the school has held this status, there have been no graduates as yet.

The graduate from this school will have specialized in the courses offered by this school to students of all the schools at Tech. He will have a knowledge which is basic to the design of all machinery and structures and also the means to represent his ideas graphically.

FRESHMEN SPEND HOURS OVER DRAWING BOARD.
THE ENGLISH DEPARTMENT is one of the largest and oldest departments on the campus. Its goal is to develop the ability to use correct and clear English prose in all students at Tech since every engineer must be able to express his ideas clearly and concisely to succeed in his work. In addition, courses in communication, written and oral, are offered to students in the junior and senior classes. The department also makes available to all students a course designed to improve speed and comprehension in reading.

Realizing that a mechanical background in English is not sufficient for the well-rounded man, the English Department offers courses in classical literature that cover authors from the ancient Greeks to the present day. Three courses in literature are required of all sophomores.

ANDREW J. WALKER, Director,
The Department of Modern Languages was organized to give the student sufficient mastery of a foreign language to read and understand the scientific and technical literature of that language. The members of the department feel that the well-informed engineer must have a broad background of training in fields not especially technical. Part of the instruction is therefore devoted to informing the student, through the medium of the foreign language, of the civilization and literature of the countries where that language is spoken. The department also feels that the student will benefit from foreign languages by being able to understand either conversation or writing in these languages. In addition, any student who is considering graduate work may be required to know one or more of certain foreign languages.

The Social Science Department strives to give a broad background of general training in the nontechnical fields. In the field of general education, the student is taught the background of Western Civilization, an analysis of contemporary society, and the fundamentals of American government. Industrial Sociology and Anthropology courses are studied in the light of their essential contribution to industrial, personnel, and labor relations. The department is also taking an increased interest in the field of philosophy in answer to wide student response.

The courses in social science are presented with the idea in mind that the engineer is no longer just a technician, but often the framer of political, economic, and social policy. Therefore he must have today as broad a liberal education as any professional group in the nation.
Department of Physical Training

Strength of one's mind and body are closely related. The Department of Physical Training presents a good two year course designed to keep the student bodily fit while at Tech and in addition give him some instruction and motivation in sports and activities that he may enjoy after graduation.

"P.T." courses are scheduled to meet twice a week. The freshman course of instruction is divided into swimming, gymnastics, and track. The swimming course is nationally known as a "survival" course. The gym course is designed to develop skill and bodily coordination. Track develops lungs, heart, and generally conditions the muscles. The sophomore course of instruction covers indoor, outdoor, and recreative sports. These are designed to serve primarily as "maintenance" courses.