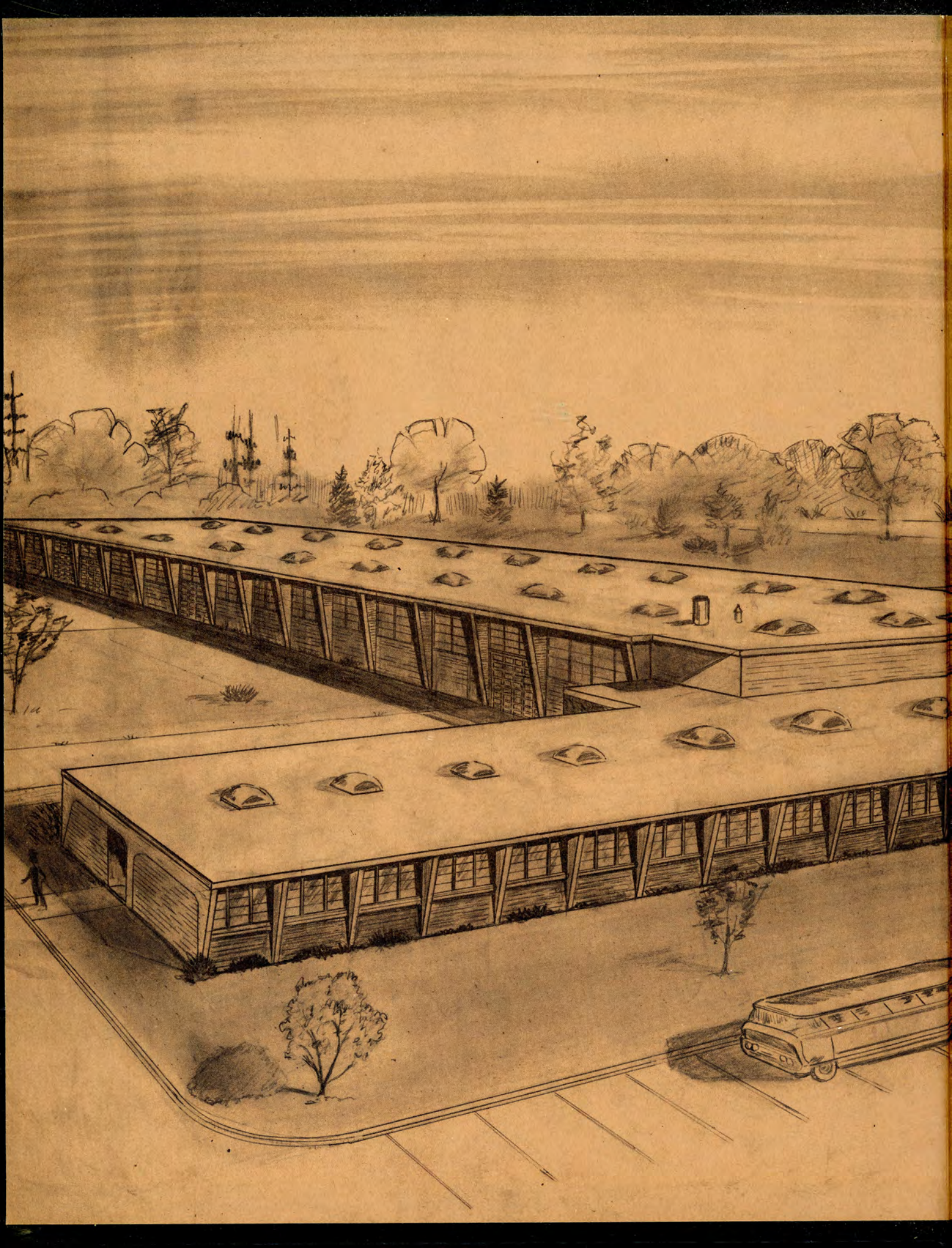


TECHNIKOS

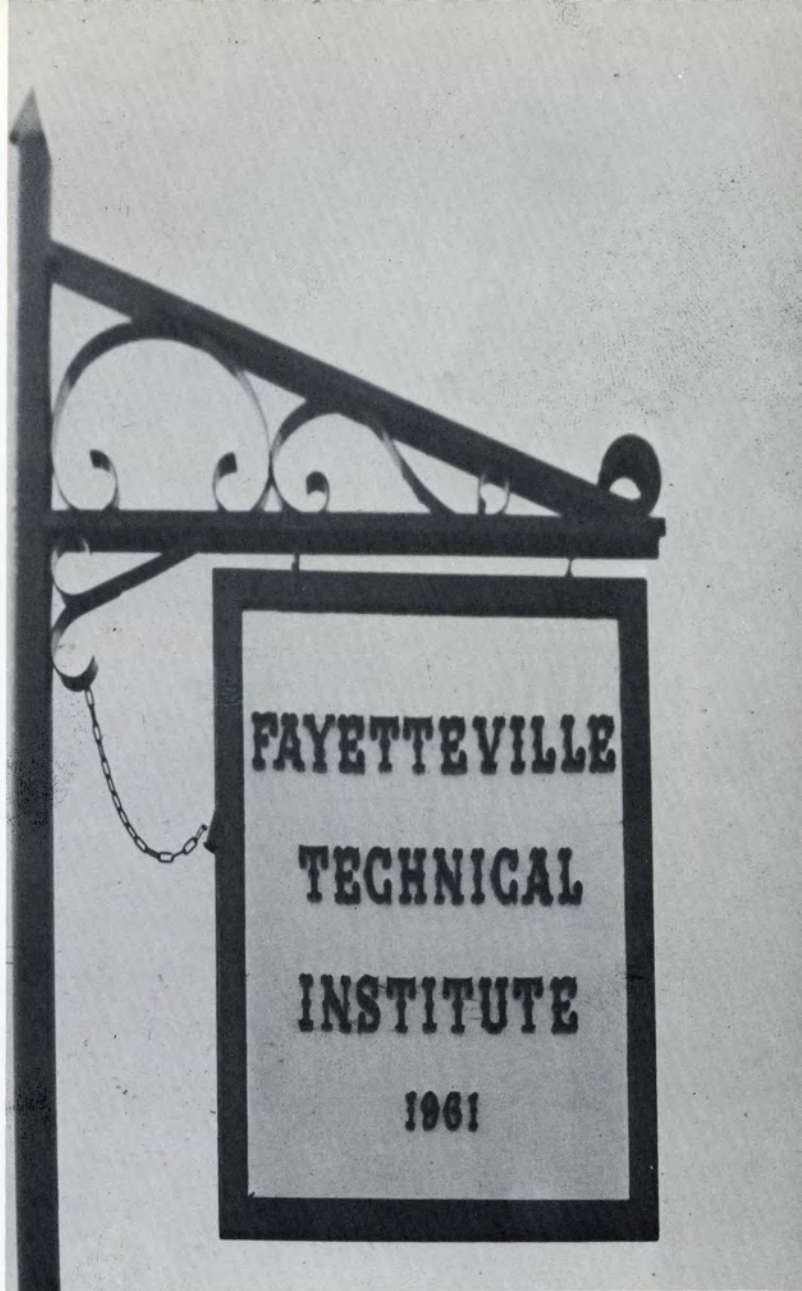
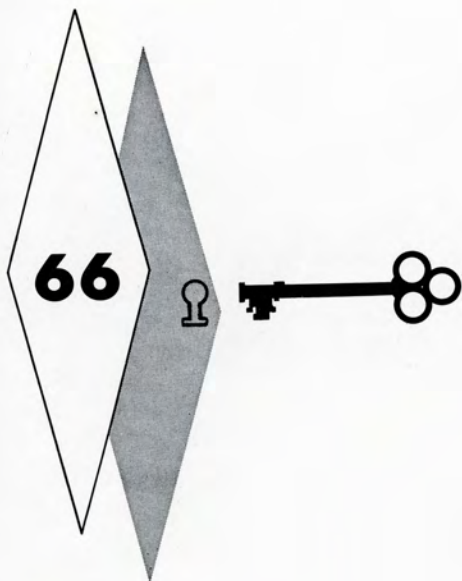


1966





TECHNIKOS
THE RECORD
OF
1966



FAYETTEVILLE
TECHNICAL
INSTITUTE
IS THE KEY
THAT UNLOCKS
THE DOOR TO SUCCESS

Mary Ann Shaw - Editor
J. H. Foerch, Jr. - Adviser

LIBRARY
FAYETTEVILLE TECHNICAL INSTITUTE
Fayetteville, N. C.

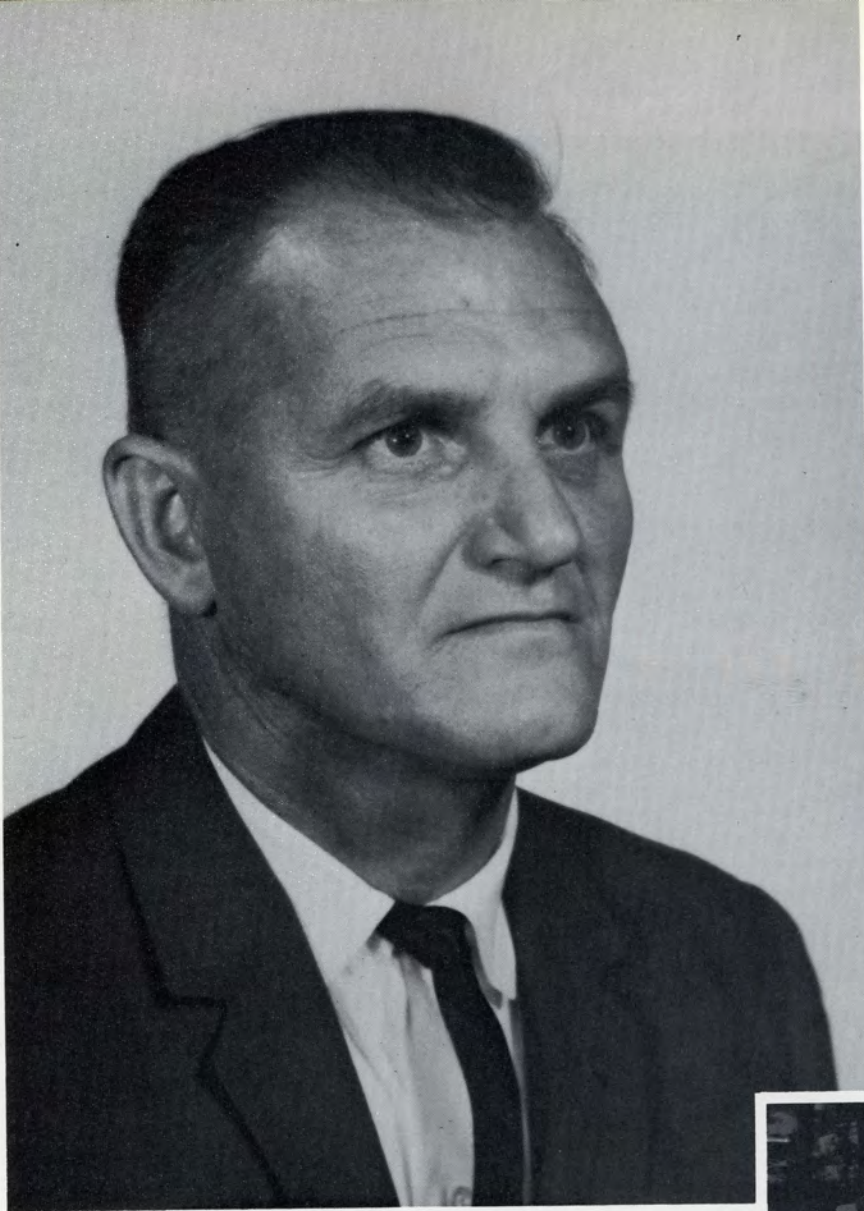


FOREWORD

"I consider an human soul without education like marble in the quarry, which shows none of its inherent beauties till the skill of the polisher fetches out the colours, makes the surface shine, and discovers every ornamental cloud, spot and vein that runs through the body of it."--Addison

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Undergraduates	Page 30
Activities	Page 59
Autographs	Page 94
Sponsors	Page 95



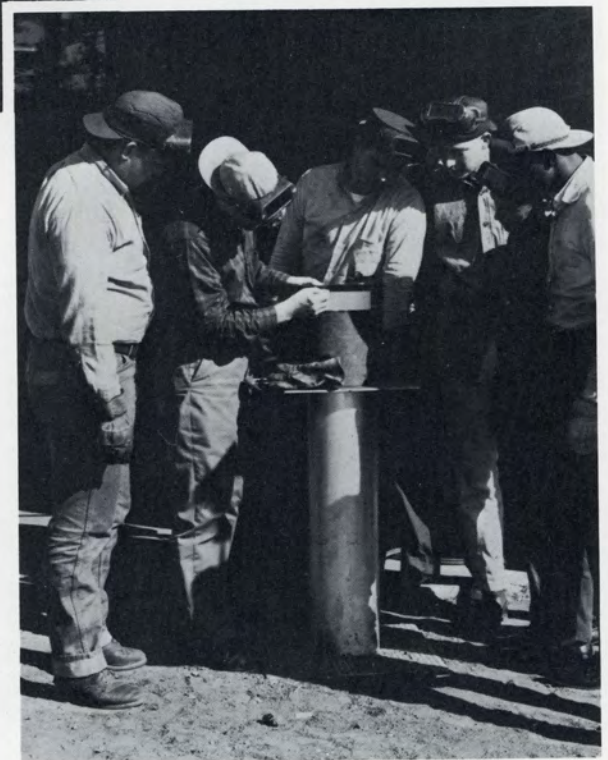
James H. Christie
Welding Department Head
B.S., N.C. State

The 1966 TECHNIKOS is dedicated to this member of the faculty who has been with F.T.I. since it was founded in 1961. His former students are scattered all over the world; whenever they return to their homes in this area, they never fail to return to F.T.I. to thank Mr. Christie once more for all he taught them.

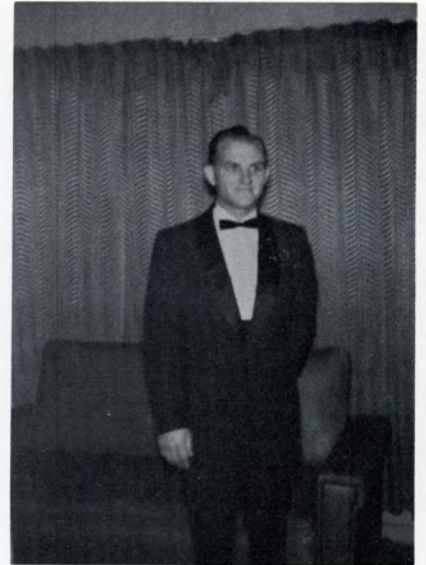
"The most friendly, the most sincere teacher we ever had."

"He not only can tell you how, but also show you how."

INFORMAL



Only his family and a few close friends have ever seen him in his formal clothes,---

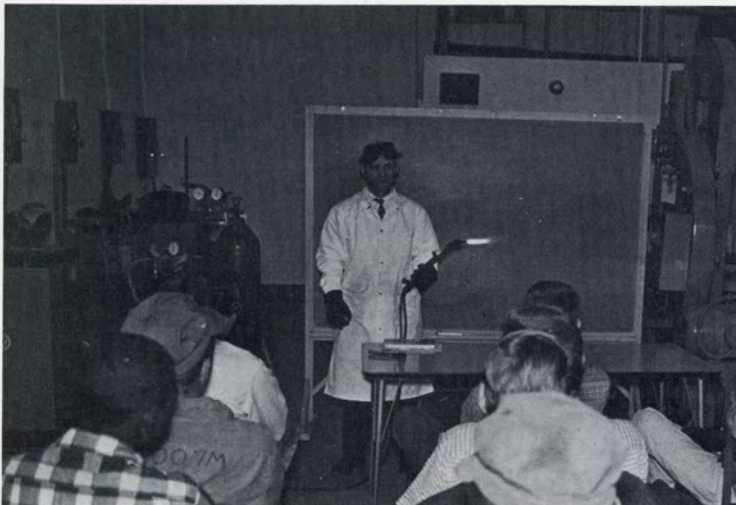


Regardless of dress, he is known by all to be a sincere, loyal friend, and a teacher who is determined his students will receive the benefit of his total effort to teach them all they can learn of any subject he presents.

FORMAL

DEDICATION

THE TEACHER



His students and faculty associates usually see him in his working clothes,---

BOARD OF TRUSTEES



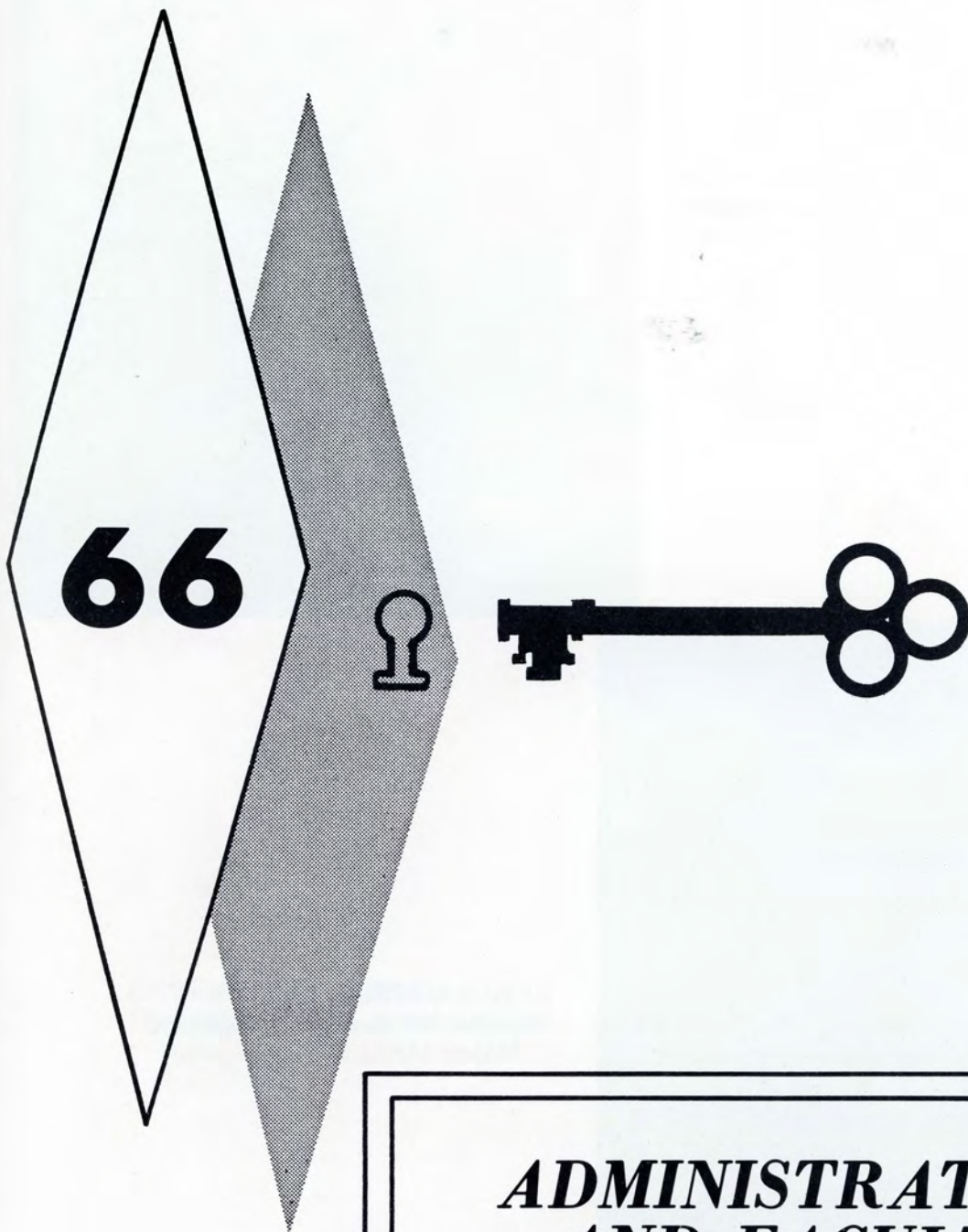
Left to right Howard L. Hall, W. J. West, Neill A. Currie, Jr., C. A. Chick, Howard E. Boudreau, Paul H. Thompson, L. Stacy Weaver, Jr., Roscoe L.

Blue, Henry A. Rankin, Jr., Thornton W. Rose, Gibson Prather, Mrs. Thomas H. Finch, ABSENT: James A. Gray, Sr., F. C. Franklin



PRESIDENT

Howard E. Boudreau, B.S., M. Ed.
Colorado State University



***ADMINISTRATION
AND FACULTY***

WILLIAM E. SEASE
Director of Technical Vocational
Education
B.S., M. Ed.



SAMUEL LEE JOHNS
Director of Evening Programs
Major (ASA) Retired



NILES E. COMPTON
Director of Student Personnel
B.S., M. Ed.

GEORGE W. J. HORTON
Director of Basic Adult Education
B.A., M.A.



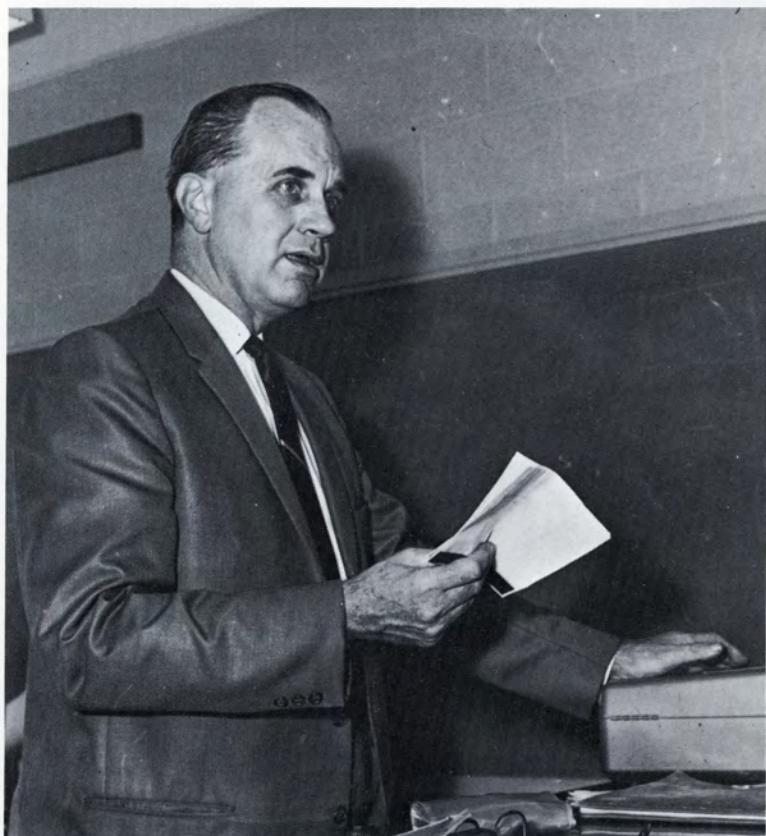


WILLIAM L. BRYANT
Director of Extension
B.S., M. Ed.



JOHN G. GAY
Counselor
B.S., M. Ed.

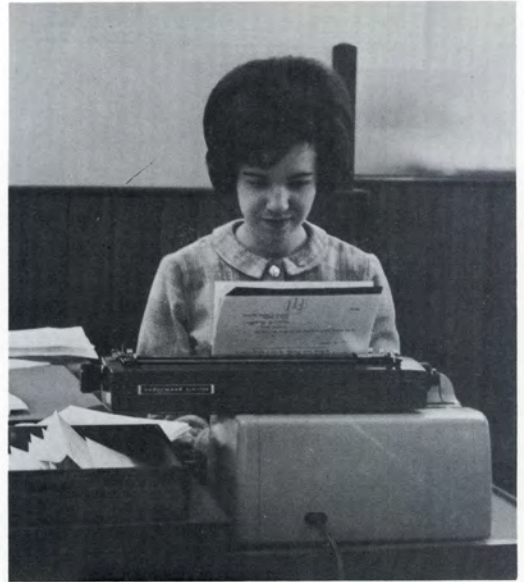
ROBERT C. ALLEN
Director
Robeson County Extension Unit
B.S., B. Ed., M.P. Pub. Ed.



WILLIAM P. STANDLEY
Business Manager
CWO-4, U.S.A. Retired



Barbara McCaskill
Sect'y to Dir. of Instr.



Kathryn Matthews
Sect'y to Dir. of Student Pers.



Sandra Ross
Purchasing Clerk

Louise Griffin
Bookkeeper



Karen Bell
Sect'y to Bus. Manager



Germain Standley
Sect'y to Dir. of Evening Prog.



Jackie Green
Sect'y to the Pres.

Anita Pfabe
Sect'y to Dir. of Adult Ed.



Mary Scott
Telephone Operator



FACULTY



George T. Beck
Science Dept.



William O. Cameron
Business Education
Dept.



Robert M. Carn
Civil Engineering Dept.



Arthur T. Cavano
English Dept.



James H. Christie
Welding Dept.



Walter Mc. Croom
Agricultural Business
Dept.



Claudie A. Dancy
Practical Nursing Dept.



Bethel H. Davis
Civil Engineering
Dept.



J. D. Detter
Air Cond. & Refg.
Dept.



Gordon L. Dwiggins
Sanitary Engineering
Dept.



Joseph H. Foerch, Jr.
Electronics Dept.



Robert S. Gordon
Electronics Dept.



Thomas J. Hall
Business Education
Dept.



William E. Hancock
Mechanical Engineering
Dept.



George R. Hicks
Social Science Dept.



Charles E. Koonce
Mathematics Dept.

FACULTY



Linda R. Lee
Business Education
Dept.



Ada M. Leonard
Practical Nursing Dept.



Woodrow Mashburn
Machinist Dept.



Duncan C. McCormick
Mathematics Dept.



Franklin M. McDonald
Automotive Mechanics
Dept.



Graves H. McDowall
English Dept.



Frank C. Miller
Air Cond. & Refg.
Dept.



Edmund E. Nute
Automotive Mechanics
Dept.



Ervin D. Oakes
Air Cond. & Refg.
Dept.



James T. Paden
Automotive Mechanics
Dept.



James B. Parker
Science Dept.



James B. Pittman
Machinist Dept.



Carl D. Price
Agricultural Business
Dept.



Charles A. Purcell
Sanitary Engineering
Dept.



Paul B. Sharpe
Air Cond. & Refg.
Dept.

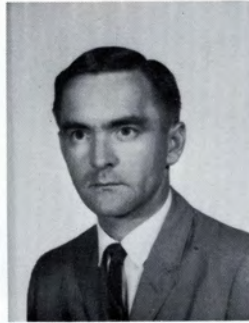


John J. Shoemaker
Mechanical
Engineering Dept.

FACULTY



A. C. Stephenson
Mathematics Dept.



Thomas L. Strickland
Science Dept.



B. M. Swinson
Business Education
Dept.



Edward A. Warner
English Dept.



Ada W. Watson
Business Education
Dept.



Betty J. Williamson
Librarian





GRADUATES



Billy Parker Baggett
 Ag. Bus.
 Edward Clyde Baker
 Ag. Bus.
 Kathryn R. Bartlett
 Prac. Nursing
 Dwight D. Baxley
 Radio-TV
 Francis Leroy Beard
 Air Cond. Mech.

Richard A. Bizzell
 Air Cond. Mech.

Dennis Ray Blackmon
 Civ. Eng. Tech.
 Willie G. Blanks
 Radio-TV
 Mitchell L. Bracey
 Air Cond. Tech.

Frances V. Brantley
 Tech. Sec.

George A. Bright
 Machinist



Donald W. Brock
Ag. Bus.
Daniel C. Brown
Ag. Bus.
Walter L. Bull
Radio-TV
Jerry A. Bullard
Mech. Eng. Tech.
Sophia A. Burgess
Prac. Nursing



Linwood E. Byrd
Civ. Eng. Tech.
Janice L. Cagle
Prac. Nursing



William A. Cain
Auto. Mech.
Dennis B. Carr
Air Cond. Mech.



Jessie W. Carty
Prac. Nursing
George K. Chase
Mech. Eng. Tech.

Henry T. Collins
Auto. Mech.
Larry Collins
Auto. Mech.





William L. Combs
Mech. Eng. Tech.
Donald P. Davis
Radio-TV
Luther M. Davis
Machinist
Harold G. Dudley
Elect. Eng. Tech.
Willis N. Estess, Jr.
Elect. Eng. Tech.



Dwight W. Evans
Mech. Eng. Tech.
Robert L. Evans
Mech. Eng. Tech.
Frederick A. Frost
San. Eng. Tech.



James O. Freeman
Machinist
Earl R. Gerald
Elect. Eng. Tech.
John R. Gergely
Mech. Eng. Tech.
Edward R. Goff
Mech. Eng. Tech.
Paul A. Byrum
Welding





Stephen F. Gulledge
Air Cond. Mech.
Joseph F. Haefner
Elect. Eng. Tech.
Linda F. Hales
Tech. Sec.
Patricia J. Haney
Tech. Sec.
Lennie C. Harrelson
Auto Mech.

Michael Harvell
Welding
Danny R. Hayes
Civ. Eng. Tech.
Robert C. Haynes
Civ. Eng. Tech.

Wade D. Hedgepeth
Bus. Adm.
Arthur E. Hice
Elect. Eng. Tech.
Carroll D. Hobbs, Jr.
Mech. Eng. Tech.
Emma L. Hobson
Prac. Nursing
Ardell Currie, Jr.
Welding





George T. Holden
Air Cond. Eng. Tech.
Kenneth Honeycutt
Auto Mech.
Lawrence E. Hope
Radio-TV
Genevieve Horne
Prac. Nursing



Rolland W. Horne
Air Cond. Eng. Tech.
Thomas W. Horne
San. Eng. Tech.



Ronald M. Hughes
Civ. Eng. Tech.
Crawford E. Hurt, Jr.
Air Cond. Eng. Tech.

James E. Jackson
Mech. Eng. Tech.
Charles H. Johnson
Mech. Eng. Tech.



Sandra E. Johnson
Mech. Eng. Tech.
Robert F. Jones
Welding
Preston Jones
Welding
James Gibbs, Jr.
Welding





Linda J. Jordon
Prac. Nursing



Madeline T. Kennedy
Prac. Nursing



Glenn K. King
Civ. Eng. Tech.



James R. Knox
Air Cond. Eng. Tech.



Brenda R. Lee
Prac. Nursing



Dennis R. Lee
San. Eng. Tech.



Lionel Lombard
Welding



James M. McCallum, Jr.
Air Cond. Tech.



William E. McClendon, Jr.
Civ. Eng. Tech.



Eddie L. McDean
Radio-TV



Louise McKinnie
Prac. Nursing



Norbert E. McLamb
Air Cond. Mech.





Helen N. Matthews
Prac. Nursing

Hugh S. Matthews
Civ. Eng. Tech.

Lawrence R. Matthews
San. Eng. Tech.

Charles R. Matthis
Air Cond. Mech.

Richard M. Meshaw
Mech. Eng. Tech.

Roger D. Miller
Air Cond. Eng. Tech.



Danie C. Milliken
Auto Mech.

William D. Milner, Jr.
Air Cond. Eng. Tech.

Jerry W. Munden
Civ. Eng. Tech.

Jerry B. Newton
Ag. Bus.

Harvey M. Norris
Air Cond. Mech.

Larry T. Norris
Ag. Bus.



Legett W. Odom, III
Civ. Eng. Tech.

Gerald G. Oldham
Automotive Mech.

Diane Owens
Prac. Nursing

Peter Padua
Civ. Eng. Tech.

Larry I. Parker
Elect. Eng. Tech.

Eunice Pierce
Prac. Nursing

Patricia E. Pollock
Prac. Nursing

Dannie O. Pridgen
Welding

Don K. Raines
Welding

Donald J. Ray
Machinist

Donald T. Raynor
San. Eng. Tech.

Kenneth E. Robertson
Auto Mech.





Mary K. Robertson
Prac. Nursing

Veronica J. Roraback
Prac. Nursing

James C. Rose
Machinist

Shirley T. Royster
Tech. Sec.

Sidney M. Sandy
Civ. Eng. Tech.

Kenneth M. Scarboro
Mech. Eng. Tech.

Charles F. Seaburg
Auto Mech.

Peggy Shaler
Tech. Sec.

Mary Ann Shaw
Tech. Sec.

Janice L. Shealy
Prac. Nursing

Freddie T. Simmons
Radio-TV

Harry D. Sinclair
Air Cond. Mech.

Barbara J. Smith
Tech. Sec.



David M. Smith
Ag. Bus.



William R. Smith
Civ. Eng. Tech.

Danny J. Soles
San. Eng. Tech.

Thurman W. Sorrell
Air Cond. Mech.



Robert P. Spears
Mech. Eng. Tech.

Arthur M. Stephenson
Elect. Eng. Tech.

John W. Stevens
San. Eng. Tech.



Jackie N. Stewart
Auto Mech.

William C. Stewart
Ag. Bus.

Fred A. Sykes
Civ. Eng. Tech.

Cecil E. Thomas
Ag. Bus.





Joseph C. Thompson
 Mech. Eng. Tech.
 Alton H. Thornton
 Auto Mech.
 Thomas L. Thornton
 San. Eng. Tech.
 Danny R. Tolar
 Civ. Eng. Tech.
 Vivian T. Townsend
 Prac. Nursing

Elonzo Troy
 Machinist

Linda F. Truelove
 Prac. Nursing
 Lois D. Tyson
 Prac. Nursing
 Kenneth H. Underwood
 Air Cond. Eng. Tech.

Charles W. Waldo
 Air Cond. Tech.

Ted Watts, Jr.
 Auto Mech.



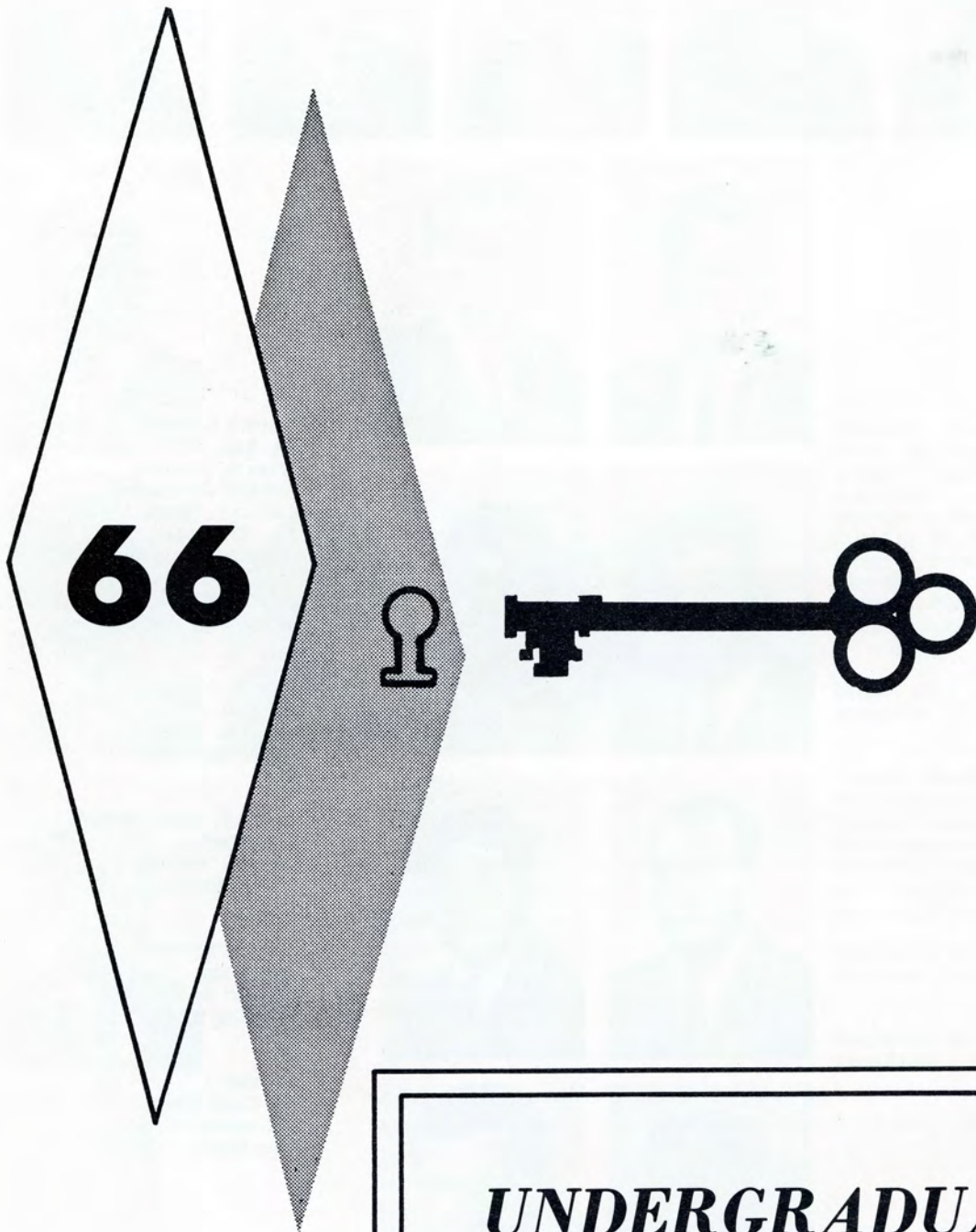
Tommy S. West
 Ag. Bus.
 Allen G. Wheeler
 Welding (Deceased)
 Arthur L. White
 San. Eng. Tech.
 Bruce R. Williams
 Air Cond. Eng. Tech.
 John V. Williamson, III
 Mech. Eng. Tech.

John C. Willis, Jr.
 Ag. Bus.
 Larry G. Wood
 Mech. Eng. Tech.

Larry R. Wood
 Auto Mech.
 Lucy M. Wright
 Prac. Nursing

William B. York
 Mech. Eng. Tech.
 Herbert E. Young, Jr.
 San. Eng. Tech.

Anthony J. Zaremski
 Air Cond. Mech.
 J. Cameron Epps
 Auto Mech.





Accounting is one of the fastest growing employment fields in America today. This growth results from the tremendous business and industrial expansion in our nation and because of this expansion there is an ever-growing need for trained accountants. The Accounting Curriculum is designed to meet this growth and need by offering the

necessary accounting theories and skills for entry into this profession.

This curriculum prepares the student for employment in private industry or in the field of Public Accounting, and is so designed that upon completion the student is awarded the Associate in Applied Science Degree in Accounting.

ACCOUNTING



William T. Bass
 Coy D. Blackman
 Ray E. Boyles

William D. Bracey
 William D. Byrd, III
 Stewart G. Dalton

Edwin W. Davis
 David L. Edge
 Samuel D. Fort

Jo Ann Barnes
 Charles A. Gibson
 Ronald Kent Jackson

Betty H. Brock
 James H. Jones
 Judith Ann Bullock
 John R. Mulholland, Jr.



Shelia E. Core
Robert A. Peele
Morris K. Shepherd

Donald E. Stone, Jr.
Richard E. Weicht
Jackie Cook
Judy Griffin



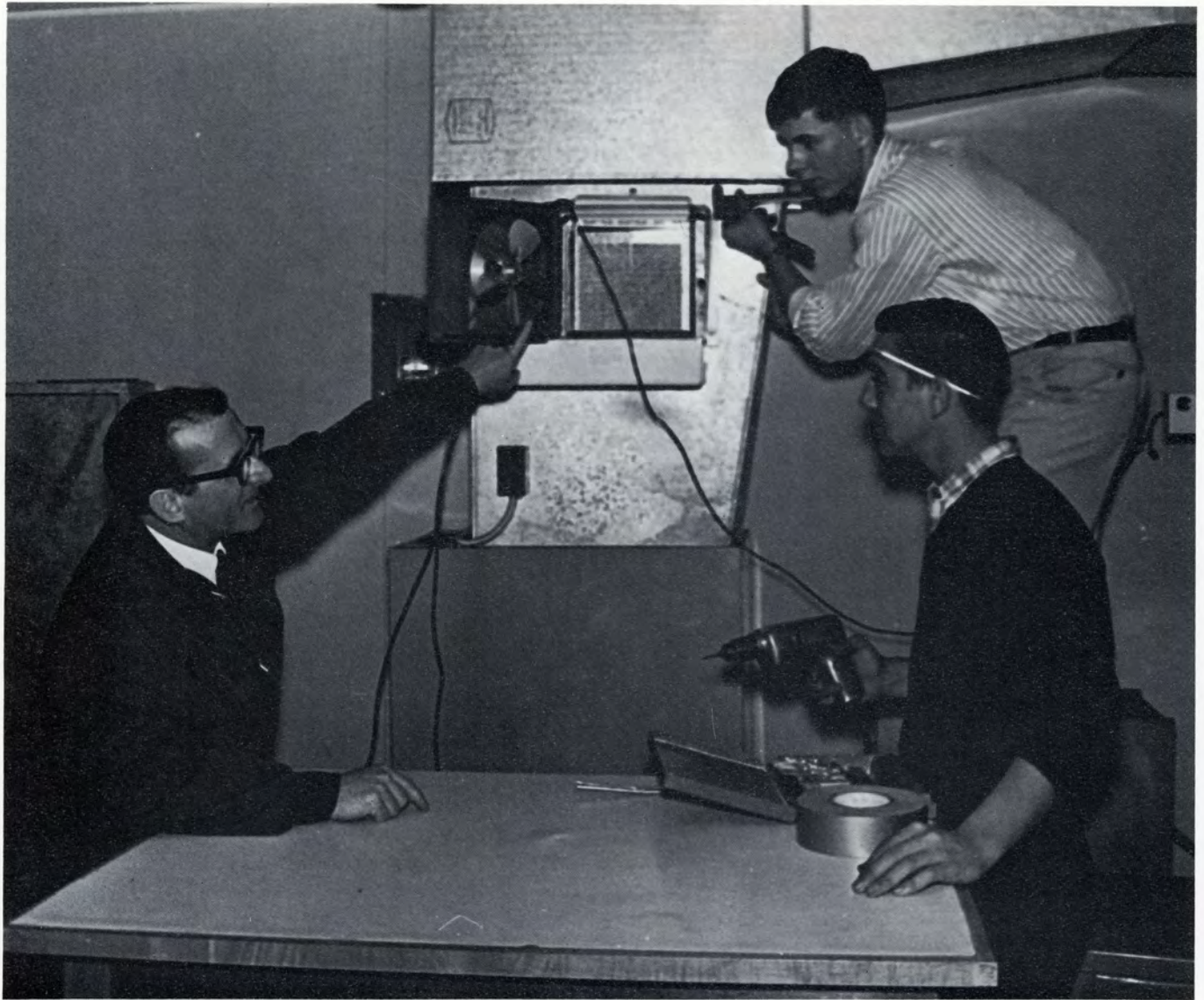
Susan Johnson
Clara L. Hill
Shirley Joyner
Beverly Massengill

Trudy M. Maynard
Ruby I. Pate
Kathy Russell
Barbara A. Smith



Linda Smith
Dorothy McMillan
Brenda Stewart
Andy Russell Lee





The Air Conditioning Technology Curriculum begins with basic and fundamental concepts of refrigeration and air movement control systems, and progresses into the technically advanced areas. It offers background training in all major occupations of the industry. A bright future is awaiting thousands of young people who will ade-

quately prepare themselves with a technical education in this field.

Upon completion of this work, the graduate will be qualified to enter many technical occupations in this expanding industry, and is awarded The Associate in Applied Science Degree in Air Conditioning Technology.

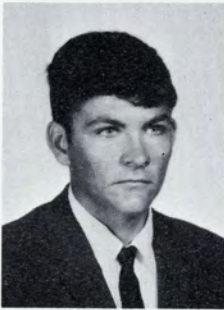
AIR CONDITIONING TECHNOLOGY



Charles S. Corbett
Terry L. Dunford
David M. Early



Marcus K. Freeman
Charles S. Hayes
Warren G. Hobbs, Jr.



Ray E. Lewis
Robert T. Marsh
Rudolph D. Mauch



Bobby Owens
Stephen Polinski
Donnie Pollard



John V. Shields, Jr.
Lexington E. Williams
John H. Atkins, III



John F. Austin
Gerald E. Bechtel

Robert S. Gray
Fred L. Huggins

Danna E. Ratcliffe
L. Rudolph Russ, Jr.
Manly H. Shipp, Jr.

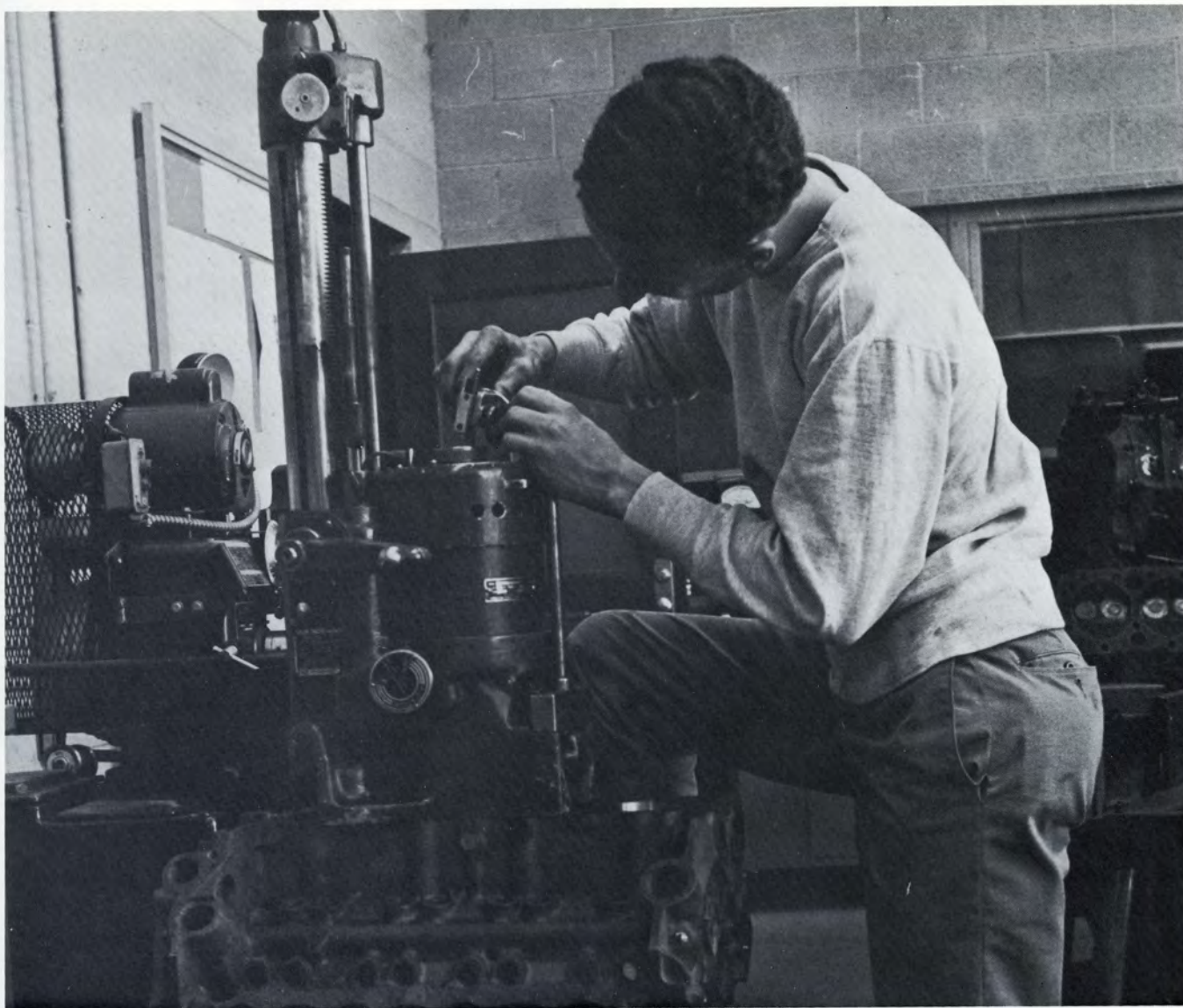


Cecil W. Stephenson
Donald K. Thorndyke
Steve C. Tysinger



Eugene R. Anaclerio
Archibald Evans
Louis W. McCormick





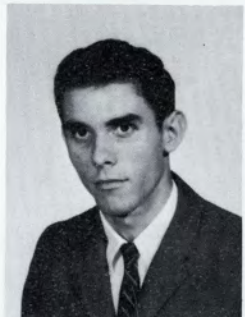
The Automotive Mechanics course is designed to prepare the student for a well-paid position in all fields of the service area of the Automotive trade. Particular emphasis is placed on the knowledge of basic principles and fundamentals of the operation of each component in the whole automobile. Knowing why a particular component operates as it does makes it possible to more easily learn how to work on and repair that component. The course also

includes many related subjects necessary to prepare the student for his job such as math, science, communicative skills, basic drawing, machine shop practice, and welding. These related subjects provide the skills for the student to learn more about his trade, and give him the basic skills so that he may continue to advance to the highest positions of responsibility in the automotive industry.

AUTOMOTIVE MECHANICS



Albert R. Anderson
Henry J. Butler
Perry D. Cox



Joseph W. Davis
Paul S. Haines
Donald C. Harris
Luther J. Inman

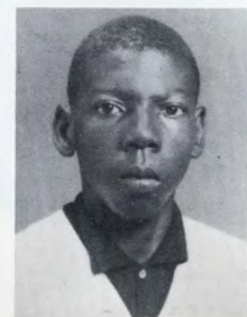
Edwin K. Smith
Ronald S. West
John William Avery
Floyd M. Burke



William L. Crawford
Harold R. Fullwood
Paul F. Jernigan
Charles R. Norris

David W. Pellizzari
Henry L. Smith
Doyce A. Tart
Clarence B. Owens

Larry A. Royal
Lawyer Watson
James F. Jerald





The Business Administration Curriculum prepares the student for every phase of administrative work that might be encountered in the average business, and prepares him for employment in one of many occupations common to business. He is taught understanding of the principles of organization and management in business operations, understanding and skill in effective communications, and a knowledge of human relations as applied to successful operations in the rapidly expanding business

world. His duties and responsibilities might include: make-up and filing of reports, tabulating and posting data in books, sending out bills, checking calculations, adjusting complaints, operating many types of office machines, and assisting management supervisors.

The opportunities in business are increasing, and the better positions in all phases of administrative work will be filled by students with specialized education beyond the high school level.

BUSINESS ADMINISTRATION



Carey D. Aldridge
 John D. Barbour, III
 Danny W. Coats

Judy C. Horne
 Bobbie Tew
 Brenda Wells

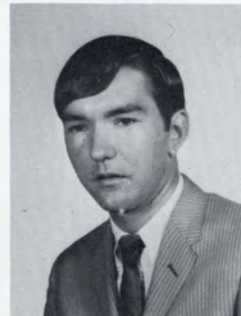
Ronald L. Dickinson
 Maxey G. Dove, III
 Timothy D. Faulk
 Lloyd P. Horne

Marion E. Jones
 Eddie C. Mason
 Duncan Matthews
 William C. Brown

Claudie Collins, Jr.
 Aronette Davidson
 Robert G. Herring
 Larry L. Hodges



Darius A. Moore
 Robert D. Norman
 James D. Norris



Clyde H. Owen
 John W. Pope
 John W. Smith



Rodney T. Smith
 Bernard W. Stephens, Jr.
 Curtis S. Stephens
 John A. Stevens

Daniel F. Weathington
 James L. White
 Leon D. Wright
 Ralph M. Jernigan



Donald L. Key
 Richard L. Long
 James D. Kinlaw
 David H. McKay

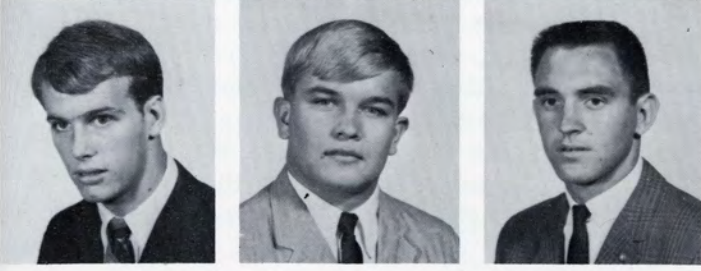




The Civil Engineering Technology Curriculum provides the student with a technical background in Highway Technology--Planning, Surveying, and Construction. Engineering Materials Testing of both the raw materials and samples from the finished structure is taught in an elaborately equipped physical testing laboratory. Field trips to the various material manufacturing plants are planned in conjunction with studies of a particular material, whenever possible. In the field of building construction, the student is

taught the basic concepts of domestic, commercial and industrial construction, including the planning, estimating, and supervising viewpoints. Engineering Drafting provides the technician with a knowledge of the universal language of expression between the engineer and contractor. The related skills, such as mathematics, science, English, and report writing, are part of the program to give the student the basic abilities of all well-qualified technicians.

CIVIL ENGINEERING TECHNOLOGY



Travis R. Blackburn
Peter H. Bowman
Charles W. Brown

Eddie Joe Brown
James Thomas Bryan
Bruce Dean Bryant

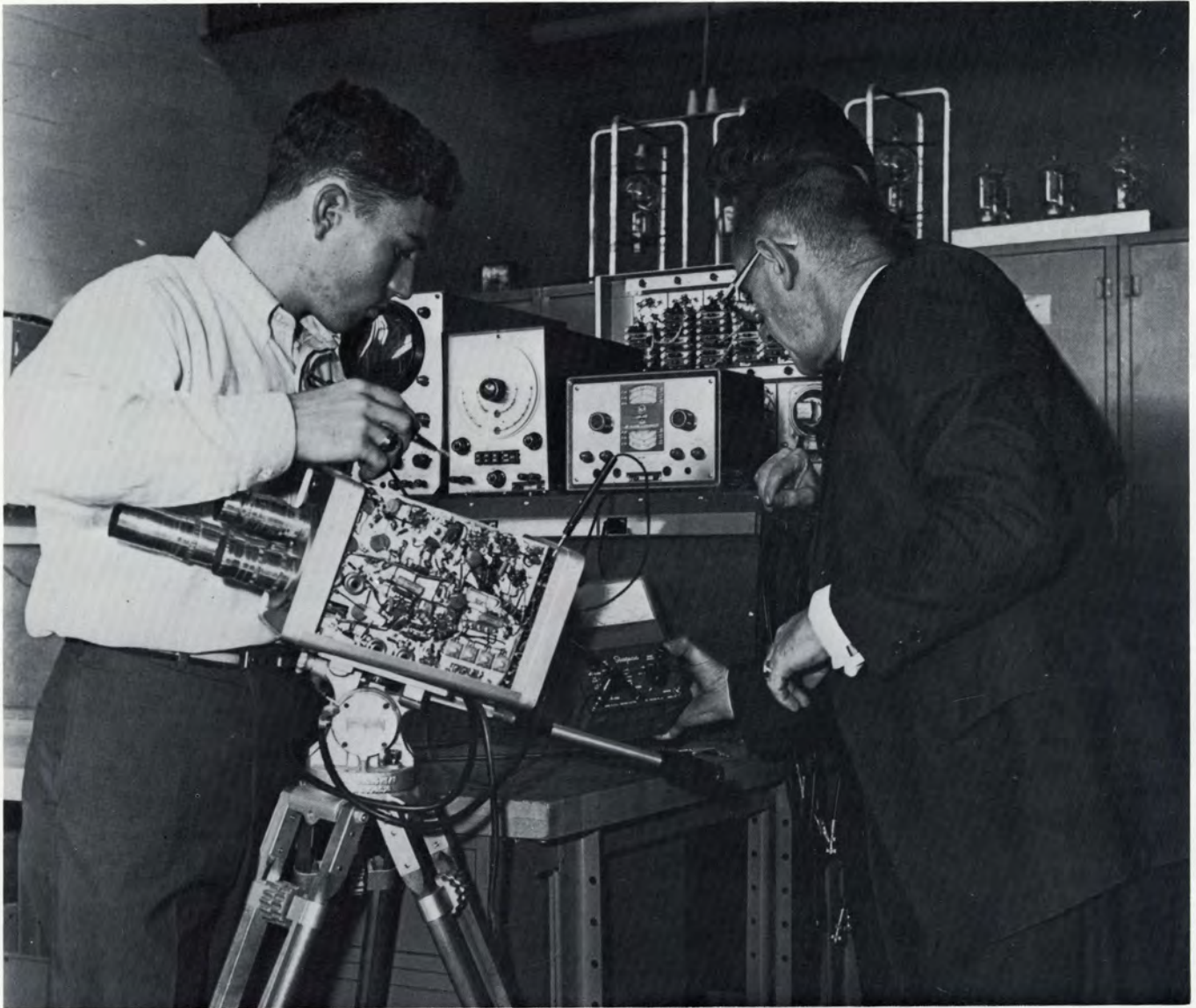
James Samuel Bush
Henry L. Currie
William C. Daniels, Jr.

John H. Emerson
Carroll W. Hinson
Andy Russell Lee

George Linsey Lott
Gary R. Miller
Michael C. Richards

Joe H. Ross
Thomas W. Thompson
William Alfred Tyndall

William Atlas Tyndall
Thomas C. Williamson
Melvin C. Spiller
James A. Bass



The Electronics Engineering Technology Curriculum gives the student a complete technical background in the electronic principles and methods of applying these principles in the five major groupings of Electronics: Servicing, Broadcasting, Communications, Industrial and Military. Within these groups and overlapping from group to group there are many employment opportunities. The basic concepts, circuits, test equipment, and their use in the electronics field are presented in theory, by demonstration, and through extensive lab work which assures the

student's technical skill and experience. This time-proven way of training, combined with actual experience using test equipment, trains the student in the "know-how" to a level of technical ability that is in demand and makes his progress most rapid. The related skills, such as mathematics, science, drafting, English and report writing, are part of the program; they give the student the basic abilities to continue his progress and education in the future of this ever-changing, rapidly expanding technology.

ELECTRONICS ***ENGINEERING*** ***TECHNOLOGY***



Jimmie D. Allen
E. E. Angel, Jr.
Larry J. Davis

O. B. Hall, Jr.
Edward M. Hayes, III
Jon F. Hudgins

Henry D. Ivey
Nicholas H. Lean, III
James L. Lockamy
Harvey H. Edge



Richard E. Loukes
James R. McCaffity
William T. McLaughlin, Jr.
Lynwood R. Carroll

Howard E. Norton
B. T. Rafferty
J. Michael Stanley
Charles A. McColl



Marion L. Wiggins
Ruban A. Williams
John F. Wilson
Joe B. Loftin

Mark S. Woodson
Harry W. Yonce
Marie Arthur
Celeste Freeman





In the last few years, the Machine Tool industry has enjoyed the largest expansion of any industry in America. This expansion has exhausted the supply of skilled workers and created job opportunities in all parts of the country for people with machine shop experience. The Machinist program gives the student the knowledge and skills required to qualify for

these various job opportunities. They are the highest paid of any blue-collar jobs in America today. The Machinist program, which also emphasizes related math and science, as well as operational skills, can qualify the student for employment as an apprentice tool and die maker, machine tool operator, machinist, layout man or setup man.

MACHINIST



James O. Barefoot
Billy D. Beasley
James C. Bell

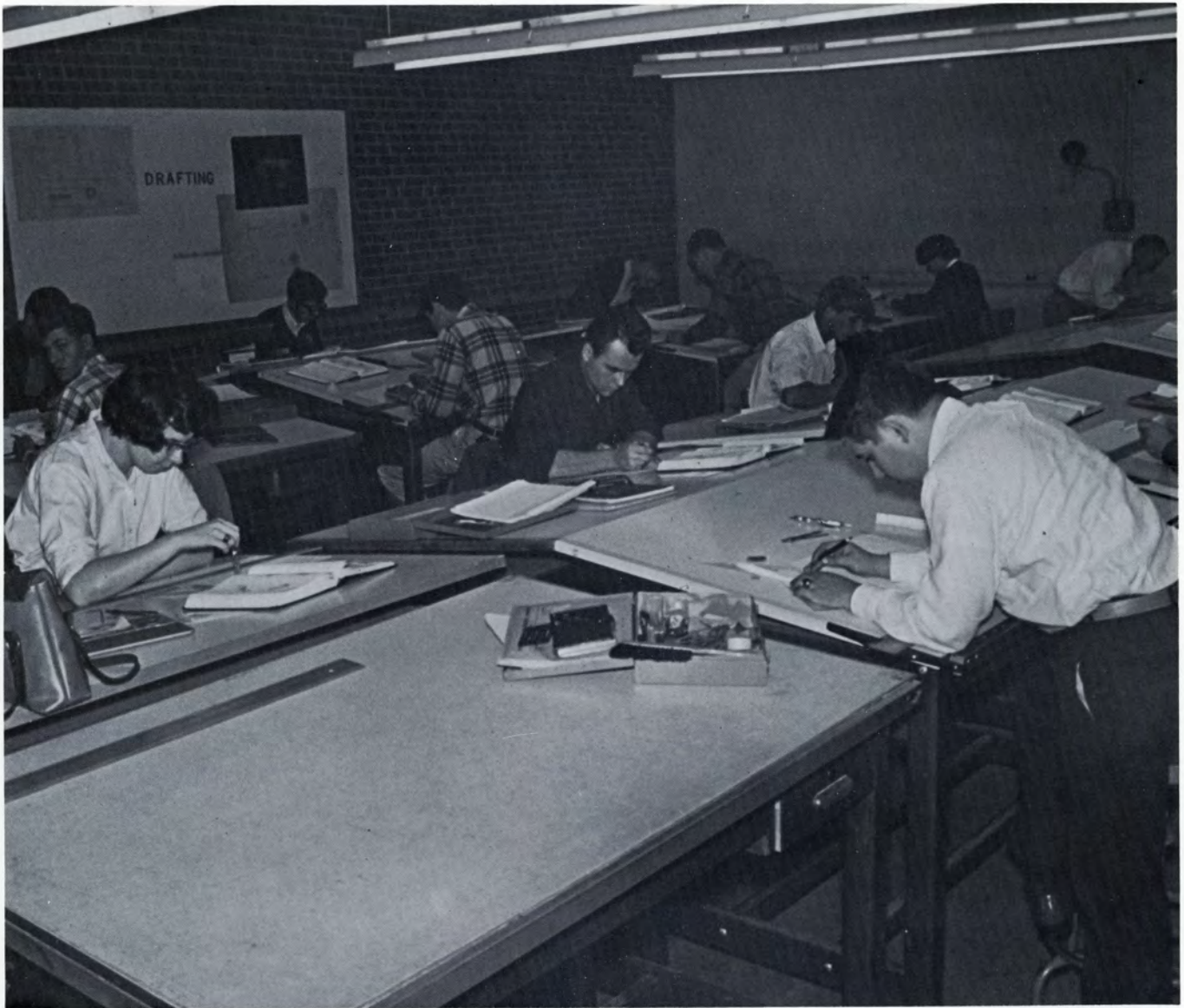
Gilbert D. Currin
Jerry G. Davis
Kenneth R. Davis

Harvey Glenn Flowers
Donald E. Floyd
James H. Hall

William L. Harrell
Thomas D. Hodge
Loren G. Johnson

Sammy D. McLamb
Charles E. Michener
David N. Scott

George M. Smith
A. Bernard Vann
James E. White
James H. Sampson



The Mechanical Engineering Technology curriculum provides the basic foundation for a highly skilled technician in the expanding areas essential to national defense and to industry. Laboratory exercises and field trips provide a practical background for the classroom instruction in theory. The two year course is oriented primarily on drafting principles and skills. Laboratory work includes free-hand

sketching; mechanical drawing; blue-printing; tracing; working drawings, including detailed and assembly drawings; erection drawings and layouts. The skills taught are used in many industries in the development and design of new tools and new products. Upon completion of the two year program, the student is awarded the Associate in Applied Science Degree in Mechanical Engineering Technology.

MECHANICAL ENGINEERING TECHNOLOGY



Donald A. Adams
 Larry E. Allen
 Thomas W. Boykin
 James M. Carter



Joseph S. Cannady
 Grady Caulder
 Bruce W. Davis
 John M. DeCarlo

Robert C. Killian, Jr.
 George J. Gavlik
 Lloyd D. Lee
 William K. Lowery



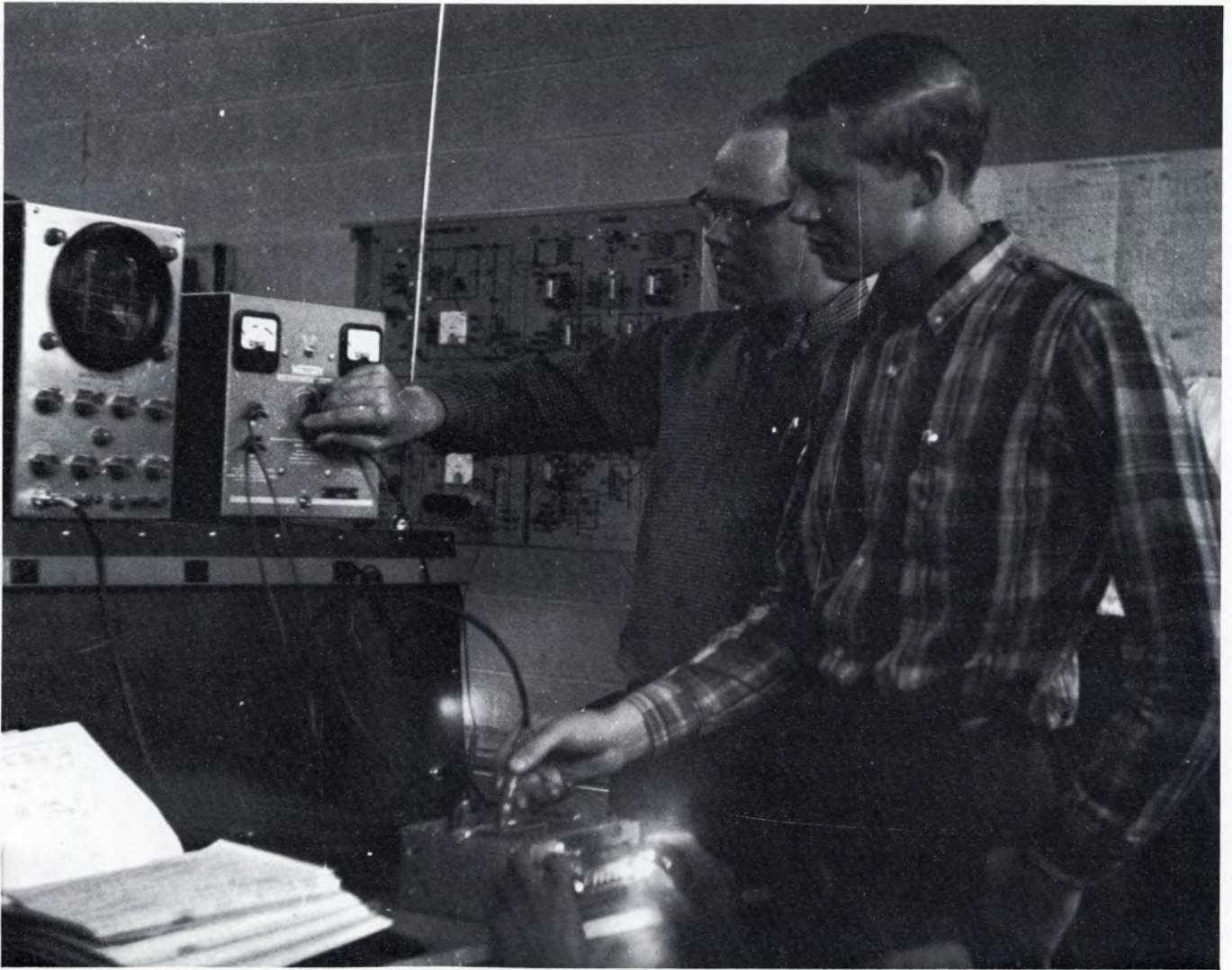
George A. Kinlaw
 Ricky Manning
 Michael V. Rackley
 James M. Robeson



Hubbard B. Lowery
 Stephen Sumner
 Cecelia Forlini
 Cheryl Hill

George H. McRae, Jr.
 Gary S. Walling
 Ardith Jones
 Gloria Sue Royal
 Harry L. Ruddy
 Milton Beck





The field of radio and television service is one of the most technical of all of the service occupations. This course prepares young men specifically to enter the field of radio and television servicing. Graduates also find opportunities in other branches of the television industry. Theory in the classroom is supplemented by practice in operating basic radio circuits and by practical experience in servicing radio and television receivers.

The laboratory is adequately equipped

to demonstrate the fundamentals of all electronic theory. Instruction is given in the use of voltmeters, ammeters, ohmmeters, tube testers, oscillators, oscilloscope, signal generators and other related instruments.

To be able to do this work, young men must have the ability to do considerable work in mathematics and science. Practical laboratory work is alternated with related instruction, in order to provide the essentials necessary to the mastery of this field.

RADIO--TELEVISION



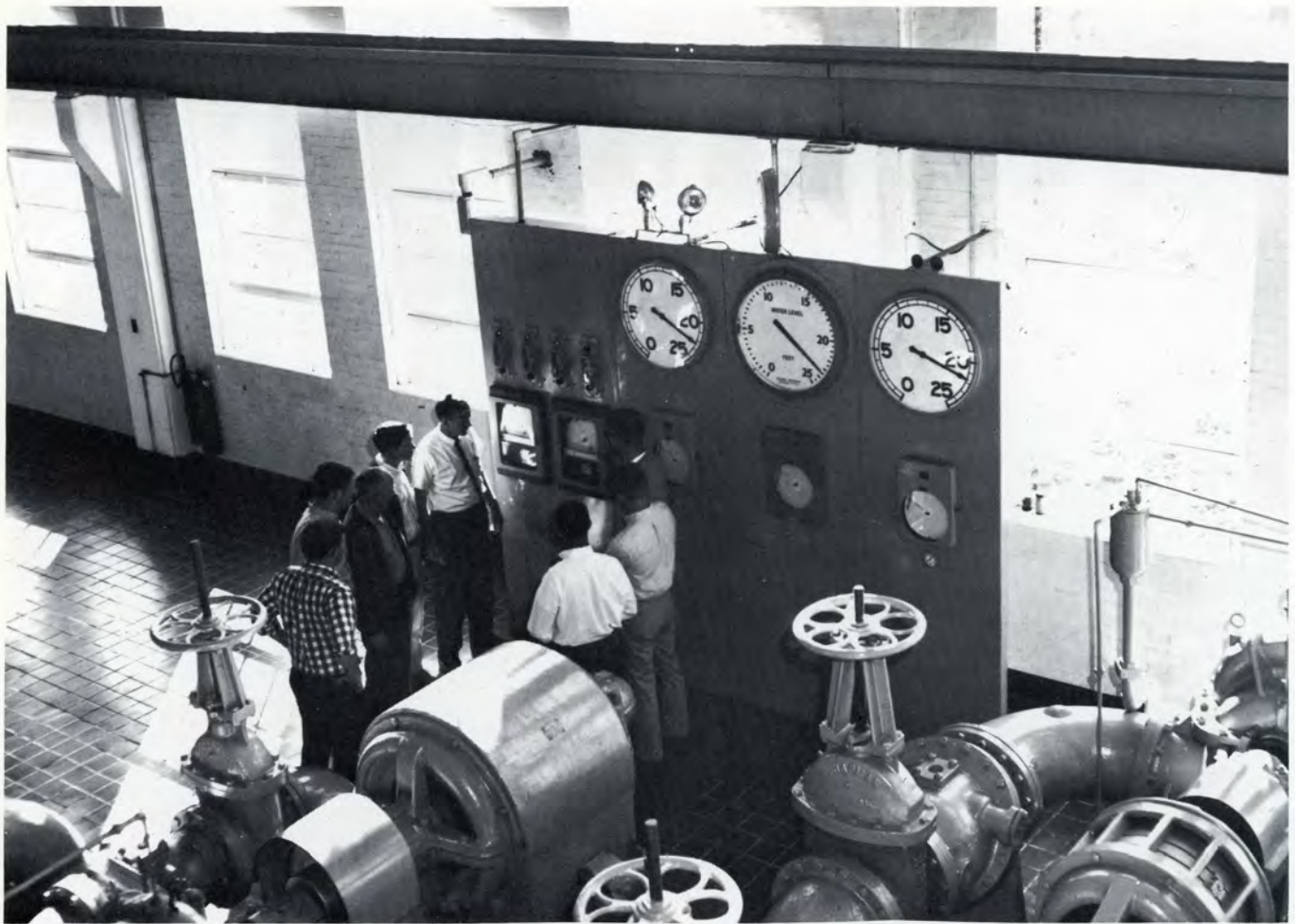
William B. Allen
C. Richard Alligood

Robert W. Antone
James D. Clouston

William F. Duncan
Robert S. Hall

Jerry R. Holt
Larry G. Lane
George Montgomery

Matthew Margolis
Willis L. McLamb
Ronnie B. Perkins
John M. Tyler
Johnny Wilcox



Our ever-increasing population and industrial expansion carries with it the demand for many services. One of the most vital of these services is the production and safeguarding of our water supply, which requires highly skilled technicians to perform the many specialized tasks involved. These technicians are also utilized for inspection and safe operation of milk production and processing, meat packing, food processing and service, housing and allied health problems, and the control of disease.

The curriculum is designed to train technicians to work in the areas related to Sanitary Engineering and Public Health. The student studies related courses in

mathematics, science, drawing and surveying in addition to specialized technical courses such as water and waste treatment, sanitary control systems, and plant equipment and maintenance. Graduates must have a knowledge of laboratory procedures and skill in performing many types of tests on liquid and solid wastes, foods and water to determine bacteriological characteristics, acidity, and so forth, and will be qualified for entry into a variety of positions in this vital technology. The graduate student is awarded the Associate in Applied Science Degree in Sanitary Engineering Technology.

SANITARY ENGINEERING TECHNOLOGY



James L. Ballance
Wyatt E. Blanchard
Robert H. Britt

G. Mike Butler
Brantley E. Clifton
Raymond Earl Deese



Robert W. Duke
Johnny D. Edge
Neal F. Griffin

Donald L. Hardee
James B. Higdon
Jerry A. McLaurin



Robert F. Melvin
Daniel Thomas Moss
Francis M. Phillips

David William Reynolds
Neil E. Smith
Charlie T. Vann
Billy J. Coats
D. O. Crumpler





The Secretarial Science programs are designed to prepare a student for a position in the office of a lawyer, a physician, a hospital executive or a firm dealing in research, engineering, development, production or contracting. Necessary secretarial skills, understanding of the scientific method, the necessary vocabulary, and respect for accuracy are stressed. Graduates qualify for employment as stenographer - secretaries, technical, legal, or medical secretaries, since they have received a background of terminology in addition to their business background and are adequately prepared to work with engineering and medical reports, records

and correspondence.

Typing, shorthand, accounting, Business English, specification writing and other special courses adapted to the speciality fields, the use of various types of office machines including adding machines, key-driven and rotary calculators, dictation/transcribers, accounting machines, and duplicating machines are taught in superbly equipped laboratories. High proficiency in all secretarial skills and the importance of posture, good grooming and the social graces are required for completion of the programs. The graduate student is awarded the Associate in Applied Science Degree in Secretarial Science.

SECRETARIAL SCIENCE



Judy C. Averitte
Cathy A. Breswitz
Janice Brock
Sylvia Summers



Sharon A. Cameron
Deanna L. Cates
Gracie Lee Duquette
Jacqueline J. Adams



Sallie M. Fairley
Judith A. Hall
Mary Etta Hall
Patricia M. Fowler

Phyllis Diane Haywood
Marilyn Lynette Ivey
Kay Jayroe
Imogene Short

Blanche Joanne Lewis
Linda Gale McKee
Edna Mallory
Betty Y. Johnson
Patricia A. Smith





Joan C. Massengill
 Meredith Gill Matthews
 Alice Rose Munday



Ila Paul
 Martha Dean Peters
 Alice Jean Pope

Rhonda Reams
 Cheri Ann Smith
 Elaine Smith



Amelia Faye Tatum
 Pamela Q. Townsend
 Lynda A. Tyndall

Judy Patricia Wallace
 Brenda Jean Wilber
 Linda Joyce Wilber
 Myra G. Williams
 Elizabeth A. Houston





Agriculture is much more than farming!! It is a dynamic industry offering many job opportunities for people adequately trained. It also includes those industries associated with processing and marketing agricultural products. Large farming operations require efficient management of land, labor, and capital, requiring the modern farm manager to possess a thorough understanding of the agricultural sciences, the ability to apply this knowledge, together with the use of successful business principles.

The Agricultural Business Technology

curriculum includes courses in agricultural sciences, crop and livestock production, farm mechanization economics, financing and marketing, accounting and business machines. Related subjects such as chemistry, English, and mathematics are part of the curriculum. This program equips the student with the background to accept the responsibilities of being manager or assistant manager of farms or agricultural businesses. The graduate is awarded the Associate in Applied Science Degree in Agricultural Business Technology.

AGRICULTURAL BUSINESS TECHNOLOGY



Scotty E. Biggs
Samuel N. Booth



Dennis W. Carter
Donald L. Fleming

Willie E. Harrell, Jr.
Wyman H. Hawley
James L. Butts

Freddie C. Jackson
James R. Lee
W. B. McDiarmid



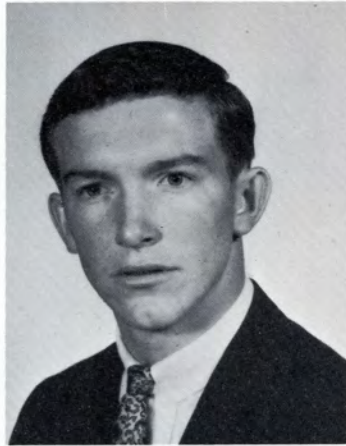
Danny McColl
Leroy Williamson
Dewey W. Wood





ACTIVITIES

STUDENT GOVERNMENT



LAWRENCE R. MATTHEWS
President

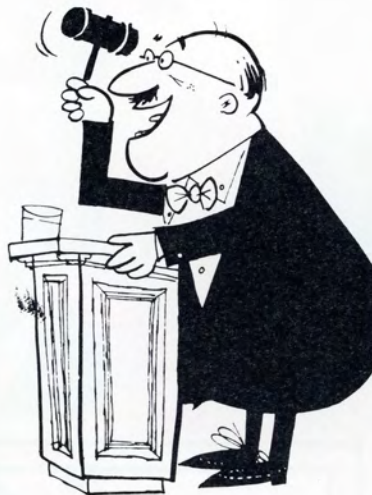


PATRICIA J. HANEY
Secretary



JOHN W. SMITH
Vice President

THE MOST IMPORTANT STUDENT ACTIVITY AT
F. T. I.



JOHN J. SHOEMAKER
Adviser



ELAINE SMITH
Treasurer

"THE TECHNICIAN"

NEWSPAPER STAFF



Pat Haney
Editor



Jon Hudgins
Assistant Editor



Frances Brantley
Assistant Editor



Arthur Cavano
Adviser



TECHNIKOS STAFF

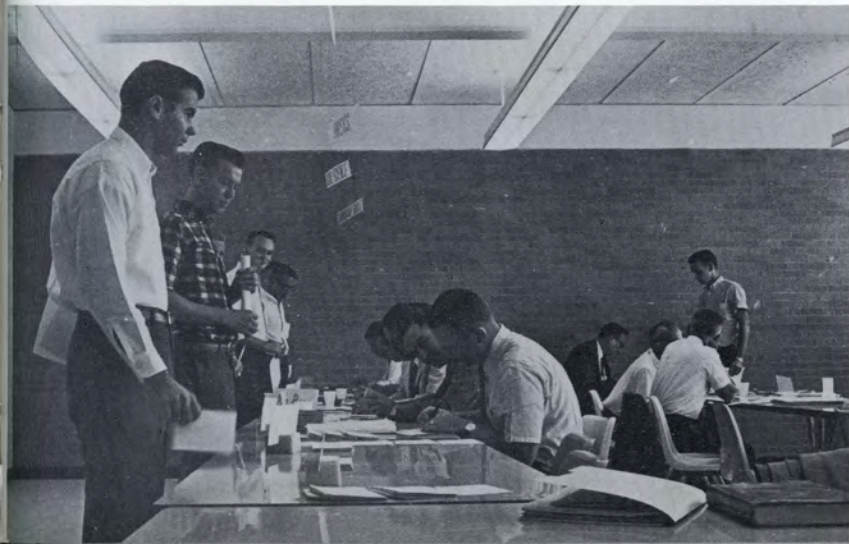
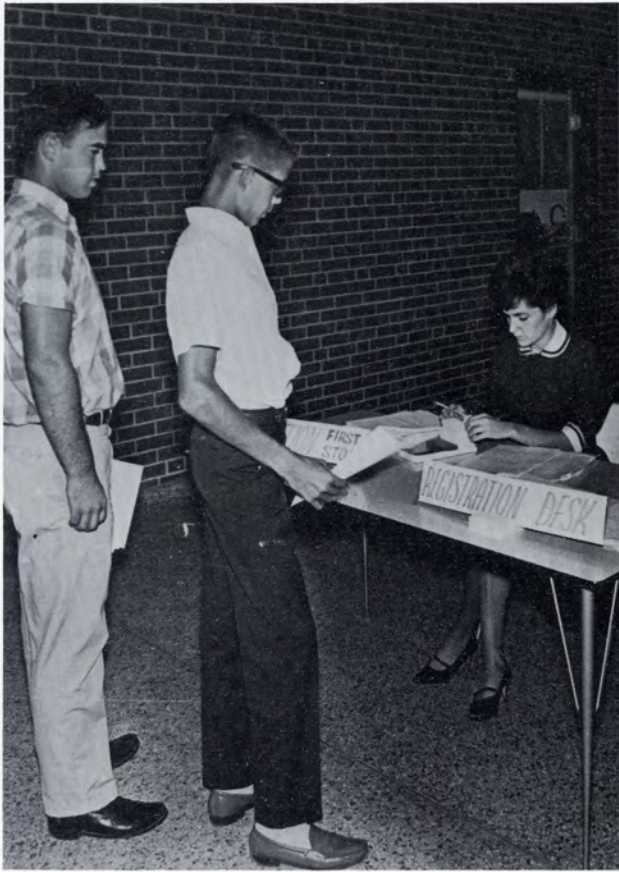


Mary Ann Shaw
Editor

Kenneth N. Scarboro
Business Manager

J. H. Foerch
Adviser

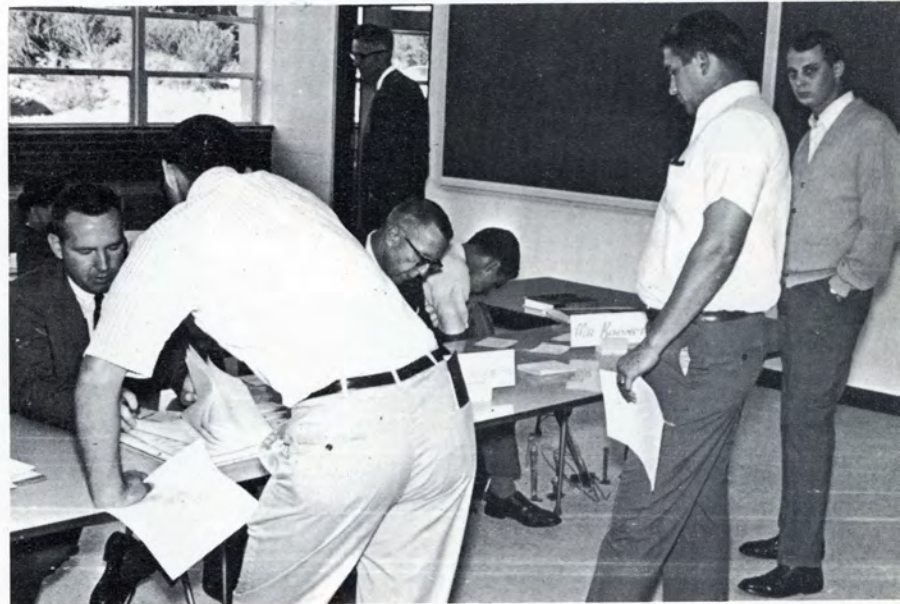
REGISTRATION



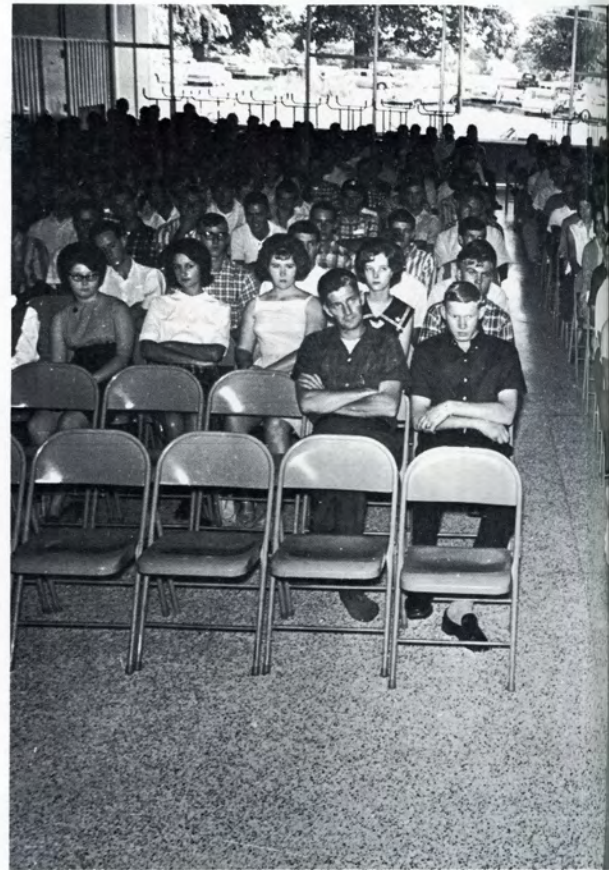
DAY



*IS
MANY
THINGS*



TO PLAN FOR



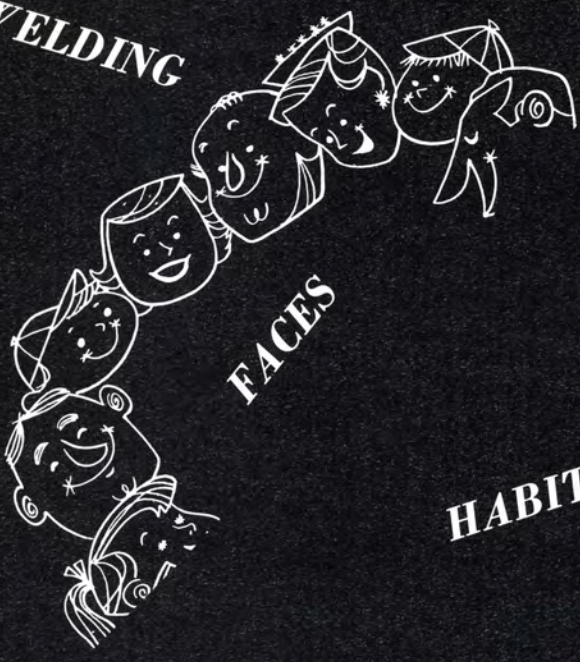
AND REMEMBER



WELDING

CONSTRUCTION

LIBRARY



FACES

HABITATION



GROWTH

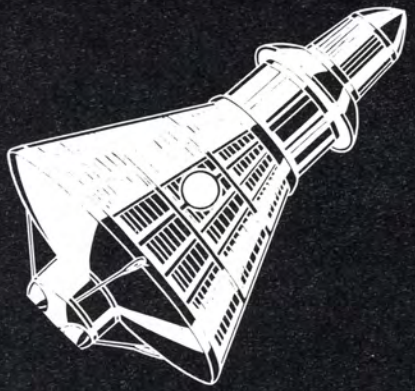
A
JET
TOUR
OF
F. T. I.

ACCOUNTING

TRANSPORTATION

TECH.-SECS

FASHIONS



PRACTICAL NURSING

LOUNGE

ELECTRONICS

SNACK BAR

GROWTH



CONSTRUCTION OF THE "WEST CAMPUS"

The "West Campus" was referred to by the instructors as "A", "B", "C", and "D" Btry.-- because many of them are ex-military men and they recall memories of service days in similar buildings.

These buildings were built as an emergency measure to reduce the problems created by the rapid growth of F. T. I. and were built by our Carpentry class, air-conditioned by our Air-Conditioning class, and wired by our Electrical class. They show what can be done and provided invaluable practical training for the students (some say the instructors!) plus badly needed classroom space.



AND MORE



Breaking Ground and Layout of Foundation



Fabrication of Pre-stressed Reinforced Concrete Beams at the Construction Site



Forms removed from special tanks in foundations used for dynamic pump flow studies in Sanitary Engineering Lab.

The plumbing and electrical Conduits are installed in foundations at rear addition to the building.



The construction of additions to the East, West, and Rear ends of the original building provided much interest for all of the various Engineering Curriculum students. They could observe many practical applications of their theoretical and laboratory studies as the work progressed. Now those students are working in the classrooms and laboratories they saw take shape before their eyes during the spring and summer months.

GROWTH! ! !



The walls go up on the West End Addition.



Special piping and conduits in place, ready to lay up walls and pour floors at rear addition to the building.

Forms, and Plumbing and Electrical conduits in place; Ready to pour the concrete floors on the West End Addition.



Cold, rainy weather delayed work on special concrete tanks in foundations. This one became a "Swimming Pool" several times during construction.

All of the labs and classrooms in the new additions were completed when the Fall Quarter began in September, 1965; but enrollment had increased so rapidly that every classroom and lab was overflowing by that time. Further expansion of facilities has been planned, financed, and land obtained for a new building to be erected as soon as possible.



WITH THIS GROWTH



Registration and Curriculum Problems



OUR BEAUTIFUL NEW BUILDING.....more space for classrooms, for more students, and it seems each student brought a car to

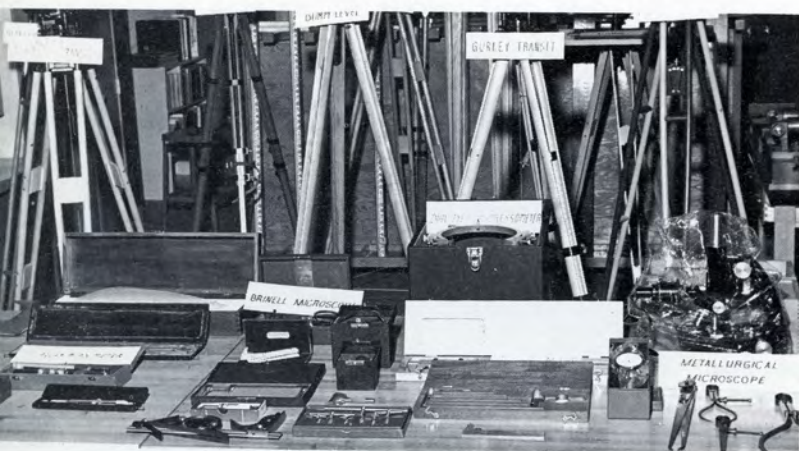


BOOKS

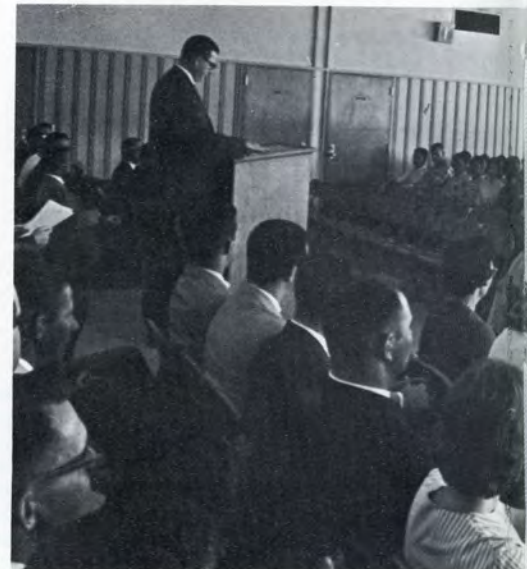
Standing In Line....



AND WALKING PROBLEMS!!!



Time to acquire and Space to store Laboratory and Classroom Equipment.



AND ASSEMBLY PROBLEMS!!

CAME MANY PROBLEMS



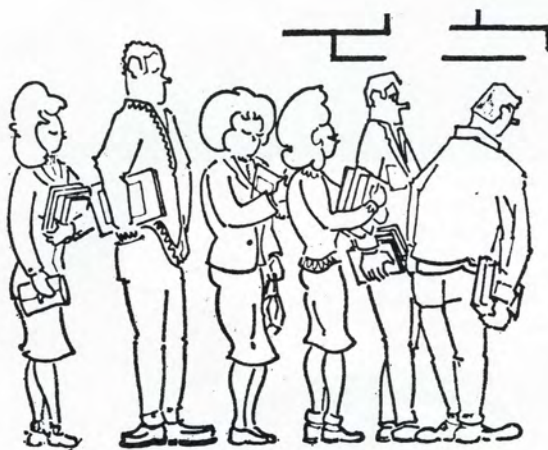
more space for laboratories, more space for equipment, more space school....Now we have PARKING PROBLEMS!!!!



COUNSELING PROBLEMS



AND WALKING PROBLEMS !!!



REST ROOMS



AND ASSEMBLY PROBLEMS !!



And Time and Space For Recreation Problems!!!

BUT ALSO



IN THE LOUNGE . . . the greatest improvement of all was the increase in SPACE! SPACE! SPACE!! . . . and TIME! TIME! TIME! Classes were extended from a former 8-5 day with an hour for lunch to an 8-6 day with one hour for lunch. This permitted better scheduling of classes and a chance for relaxation. Although there never will be time at F. T. I. for intermural sports or organized athletics, the students can grab a few moments of relaxation from the constant grind by improving their Bridge game, Canasta game, or that old favorite Hearts.

The space in the improved lounge permitted the installation of a new snack bar, tables, chairs, and overstuffed furniture, plus many additional vending machines. Dig that crazy one in the middle that gives cold milk on one side and sandwiches on the other!



MANY IMPROVEMENTS. . . .



IN THE LIBRARY...The old library, although extremely small, contained the finest collection of modern technical reference materials in the Eastern part of North Carolina. Seating space was limited; lighting was inadequate and ventilation was poor; there was no room for traveling displays; space to browse through trade journals, professional magazines, or do research work was limited; book shelf space was not adequate, and some technical reference books were dispersed to the small libraries maintained by each instructor's office. Regardless of these drawbacks, our old library was used to maximum capacity which indicated the need for growth and expansion. NOW WE HAVE A NEW LIBRARY...There is plenty of space, adequate shelving, superior controlled lighting, air conditioning, and expert supervision by our librarian, Miss Betty Williamson. All of the diverse library materials can be located, issued, or returned quickly. Cheerful, expert assistance is always available. Seating capacity of the new library allows fifty or sixty people to do research simultaneously in a comfortable, pleasant environment which inspires and promotes efficient work. Increased shelf space permitted the addition of several thousand books with space for continued growth. Miss Williamson's efforts to obtain traveling displays, specialized teaching aids and other technical materials are especially appreciated. The pleasant, relaxed atmosphere and efficient operation of our new library is a major factor in the motivation of students, staff and faculty to accomplish maximum superior work with an expenditure of minimum time and effort.





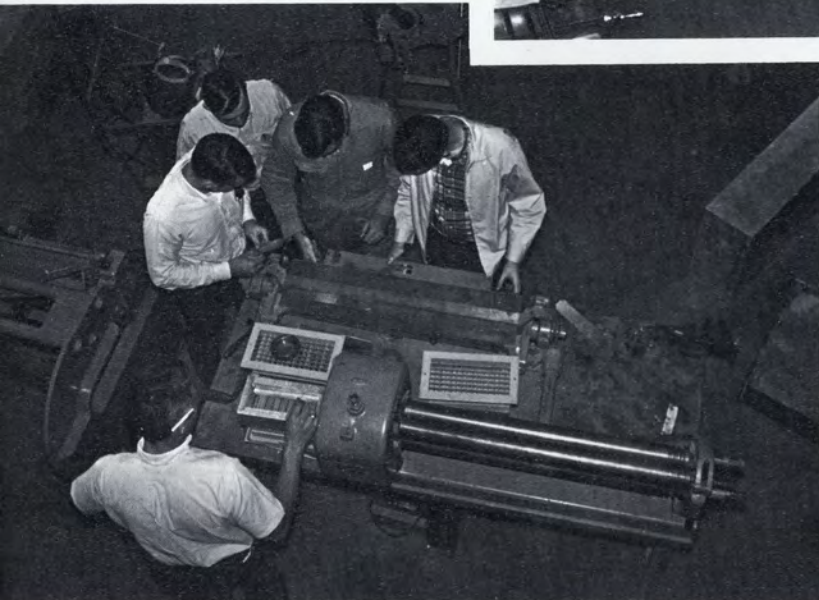
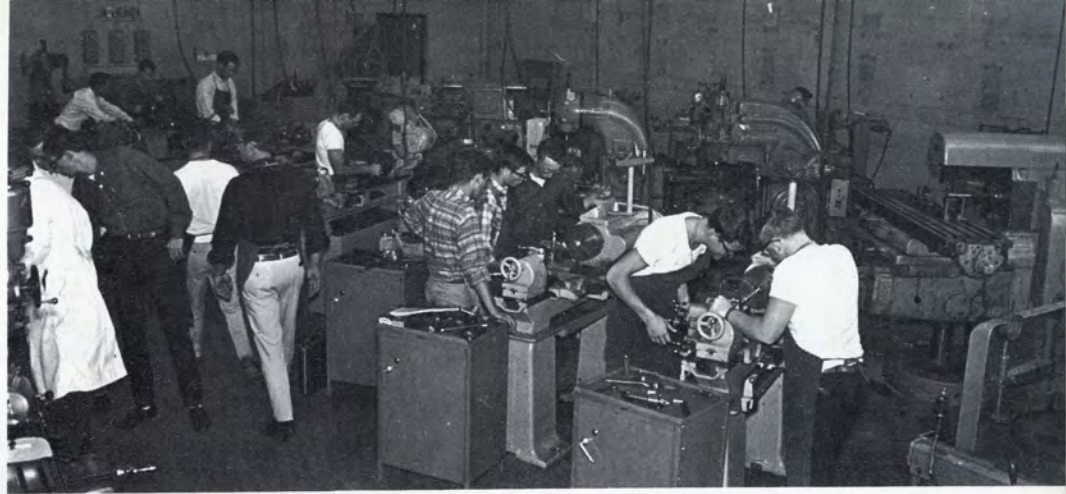
Additional classroom space also permitted demonstrations which could not be conducted in the limited space previously available. Many of the demonstrations conducted by the Practical Nursing instructors had to be performed at the hospital because space was not available in the classroom for both the students and the many items of equipment necessary for efficient instruction in the technical subjects taught at F.T.I. Beds, wheel chairs, "Sam the Skeleton", "The Visible Man", and other demonstration and practice equipment all have a place in the classroom now. The increased motivation and enjoyment of the students is evident in the smiles on their faces and their attention to the demonstrations.



FOR DEMONSTRATIONS



FOR EQUIPMENT



Additional shop space permitted the installation of more modern equipment in the Machine Shop and other Shops wherever close-up observation of the detailed manipulative operations and skills is essential to efficient student instruction. The nature of such equipment requires space to insure the safety of both instructors and students while engaged in shop activities. In the expanded new Machine Shop space, facilities are provided for a greater number of students to obtain many more hours of safe practice and instruction in highly skilled machining operations. The skills learned through this practice assure successful initial employment upon graduation and continued advancement on the job.





TO EXPAND CURRICULUMS

Sanitary Engineering Technology is a unique program at F.T.I. Our school received recognition in national publications as being the only Technical Institute in the United States providing training in this increasingly important engineering field. Educators from other states and countries have inspected our expanded facilities with the view toward initiating similar programs in their technical schools.

All of the Engineering Technology programs are expanding rapidly, but none more so than the Civil Engineering Technology curriculum. Students of the Engineering technologies at F.T.I. receive more practical field engineering experience in greater depth than is offered in most college-level programs. It is this unique aspect of all work at F.T.I. which prepares the Engineering Technology graduate for immediate employment in a number of lucrative engineering positions.





TO MERGE CURRICULUMS

The Technical Secretary and Secretarial Science programs have been combined and expanded to include the subject matter of both programs in a single course of study. Our new machine accounting and business machines laboratories provide facilities to give each student extensive experience in the practical application of the most modern equipment employed in the business world today.

The Accounting and Business Administration classrooms and laboratories have been expanded and the programs merged. This provides more practical experience for the student who is to become an Office Manager, Cost Accountant, Auditor, or Administrator in any one of the many large business concerns which demand these highly-paid skills. Modern business techniques of Marketing, Finance, Data Processing, Cost Accounting by machine methods, and Auditing are emphasized. Thus, graduates of these programs at F.T.I. are well-prepared in the technical skills required to obtain employment in the positions of highest pay and greatest opportunity for advancement.

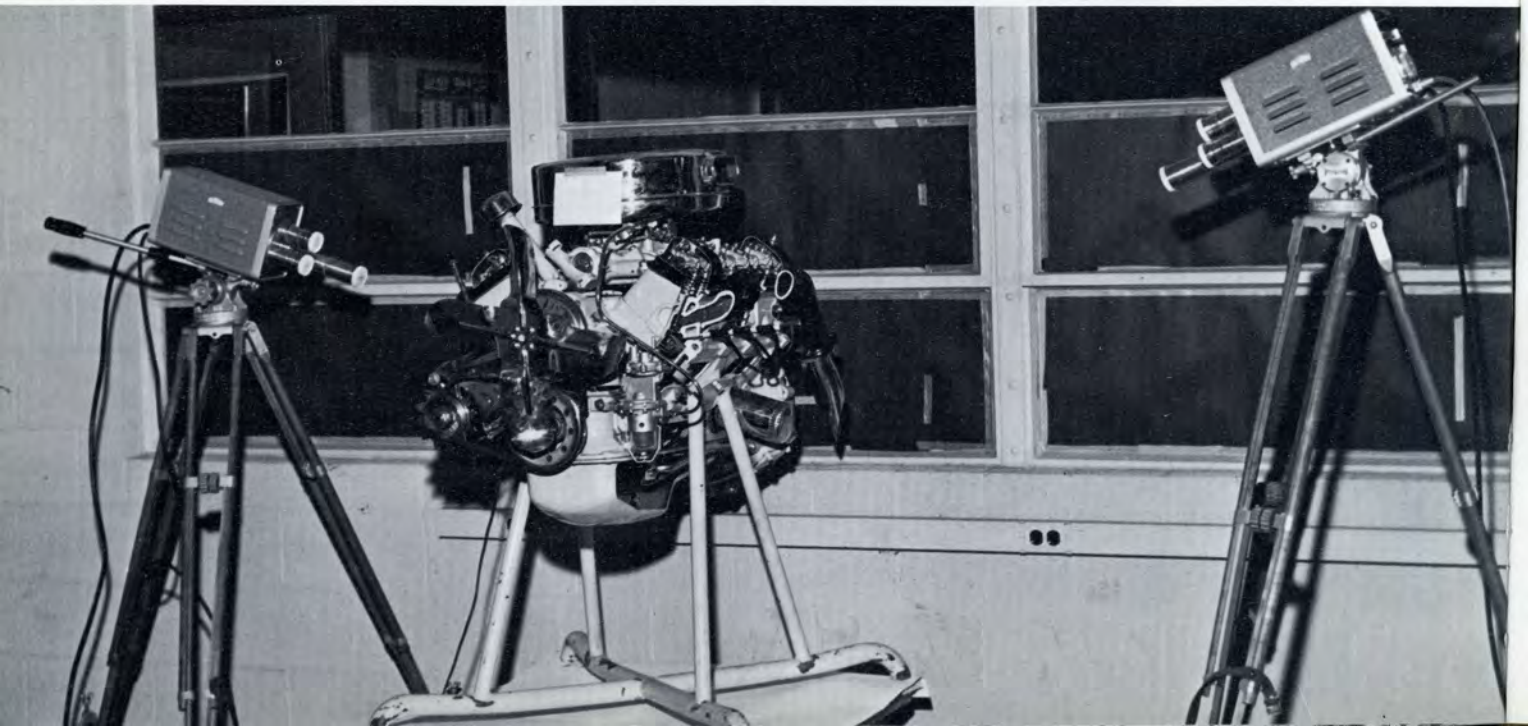




FOR NEW METHODS OF INSTRUCTION

Every type of instructional aid that serves a practical purpose in providing the instructor a better method of presenting subject matter more clearly and understandably to the student is used at F.T.I. Expanded space, time, and additional equipment for application of advanced methods of presenting difficult subject matter has been provided for many more courses this year. To learn certain highly specialized manipulative skills, the students must observe at close range the

demonstrations of such skills by the instructors. Previously, only a few students could observe simultaneously and at close range these difficult skilled operations. Now, through the use of closed circuit television presentations and several other advanced methods of instruction, many students can observe these demonstrations by the instructors best skilled in the particular technique or operation.





FOR INSTRUCTIONAL AIDS

While extremely important to the instructors in their presentations of subject matter, instructional aids also serve as laboratory equipment in other programs. For example, TV cameras and receivers are used as part of the laboratory equipment in the Electronics Engineering Technology curriculum; Large electrical control panels are used in Air Conditioning Technology studies of electrical control systems for many types of air conditioning equipment; Tape recorders and similar machines are used in Industrial Management courses for one purpose, but are used in the Radio and TV Repair course to demonstrate maintenance techniques; Typical tractors studied in the Agriculture Business Technician courses

are also studied as laboratory equipment by the Automotive Mechanics from the standpoint of maintenance of such equipment. Sound film and slide film projectors, public address systems, demonstrators, and mock-ups that are used to advantage in the instructional process are also used to advantage as laboratory equipment. Several of these instructional aids have been constructed as part of the regular laboratory work. This provides the students practical experience in the fabrication and maintenance of many diverse types of equipment and a certain pride of accomplishment which can be achieved by few other methods.



AND COMPLETE EDUCATIONAL PROGRAMS. . .

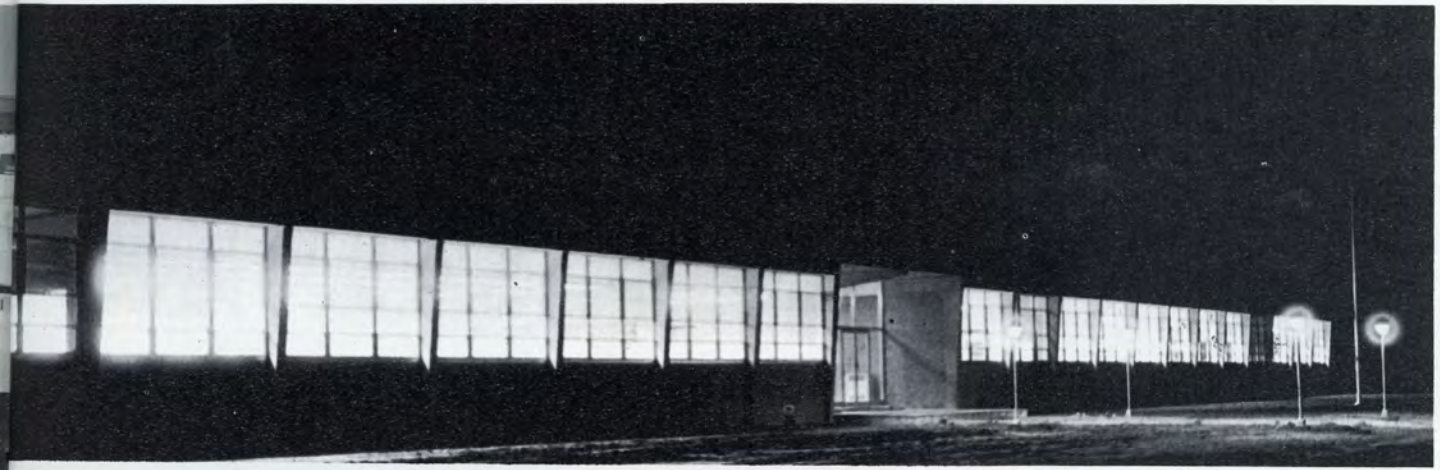


FOR ALL LEVELS OF ABILITY. . .

Any person who desires to improve his knowledge of almost any subject will find facilities and courses at F.T.I. which will assist him in this endeavor. The Learning Laboratory provides programmed instructional materials and full-time supervisor-instructors to assist any person who wants to study the courses offered. A wide range of subjects is available, including such diverse courses as Basic Reading and Writing in the English language for illiterates, Advanced Calculus for Engineers, Basic Math for Trades, History, English Grammar, Speech, Government, and several Sciences. Students at F.T.I. may supplement their regular classroom instruction with programmed materials at the Learning Lab. Also, any person in the community with a sincere desire to learn may use these facilities which are open from 9:00 A.M. until 10:00 P.M. Monday through Friday. The fees are nominal and students may set their own work-pace. No hard and fast rules of attendance are enforced. Many adults have completed studies which permitted them to read a newspaper or write their names for the first time. Others have been able to complete studies which permitted them to obtain their N.C. High School Equivalency Certificate, qualifying them for many jobs restricted to High School graduates. College graduates brush up on Statistics or speed reading, and Housewives study Modern Math so they can help Junior with his homework. Frequently, a person who can not pass entrance exams for F.T.I. may study those subjects in the basic skills in which he is weak so that he may later qualify for the program he wishes to study. F.T.I. has complete educational programs for everyone, regardless of previous knowledge or experience; The major requirement is the Desire to Learn!!!



EXTENDING FAR, FAR INTO THE NIGHT

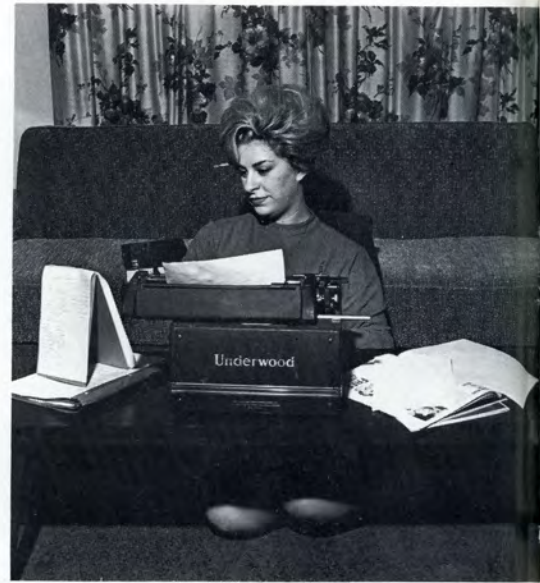


EVENING CLASSES. .

Education of the individual for employment, for advancement, and for good citizenship is the primary purpose of F.T.I....and this purpose is pursued both day and night. The Evening Programs are conducted from 7:00 P.M. until 10:00 P.M. four nights each week with more than a thousand students enrolled in the 35 to 40 courses offered. Also, there are several Extension Units which serve the surrounding Towns, Counties, and Industrial Plants in the area. These Evening Classes fulfill the need of those students who can not spare time from daily bread-winning chores to complete the studies so necessary for their advancement. The Extension Units "take the education to the student" in those communities too far from Fayetteville to permit economical travel, and where there is large demand for a few special courses. Training of employees in specialized jobs required by various industries is conducted by this important branch of F.T.I., and has been a major factor in attracting new industry into the area. Thus, a complete picture of our school is never seen during a single brief visit to the classrooms and laboratories; Throughout the year, Winter, Spring, Summer, and Fall, every day, and most of the nights, in many places, indoors and out-of-doors, in good weather and bad, people are learning the skills that will provide them a better, fuller, more productive life. The process is almost continuous.... But at the end of a day, when the last student has departed from the last evening class, the janitors begin their tasks of cleaning... Finally, late at night, the waxing, buffing and polishing ceases, and the vacant halls stand ready to welcome the next day's students.



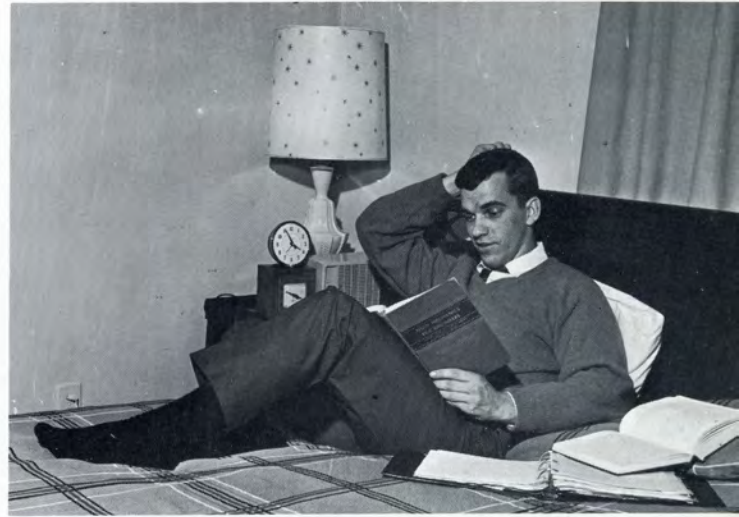
AROUND THE CAMPUS . . .



Some students live together, sharing Trailers or Apartments; Others live alone in rented rooms with selected families in the vicinity of Fayetteville.... A few students are married and live at home with their families, yet other students live in Boarding or Rooming houses and one-room efficiency apartments. But wherever they live, it must be respectable, cheap, clean, quiet, and near to F.T.I.,---and they must study, study, study!!



HABITATIONS



No matter where they live, somehow the time-consuming daily necessities of life must be accomplished, such as writing a letter to the girlfriend, eating, and washing clothes.... And in these activities, they sometimes get together to study...at a desk, on the bed, on the floor, at the kitchen table over a pot of coffee, or at the sink while they wash their socks or stockings.



AROUND THE CAMPUS



Transportation is an ever-present problem for any student. The modes and means of getting to classes at F.T.I. are as diverse as the personalities of the students themselves. They walk or run (when they sleep too late!), and ride buses, scooters and bicycles which help solve the Parking Problem. The friendly gesture of "Sharing-the-Ride" can be fun, especially when the back seat driver is a pretty girl!!



TRANSPORTATION



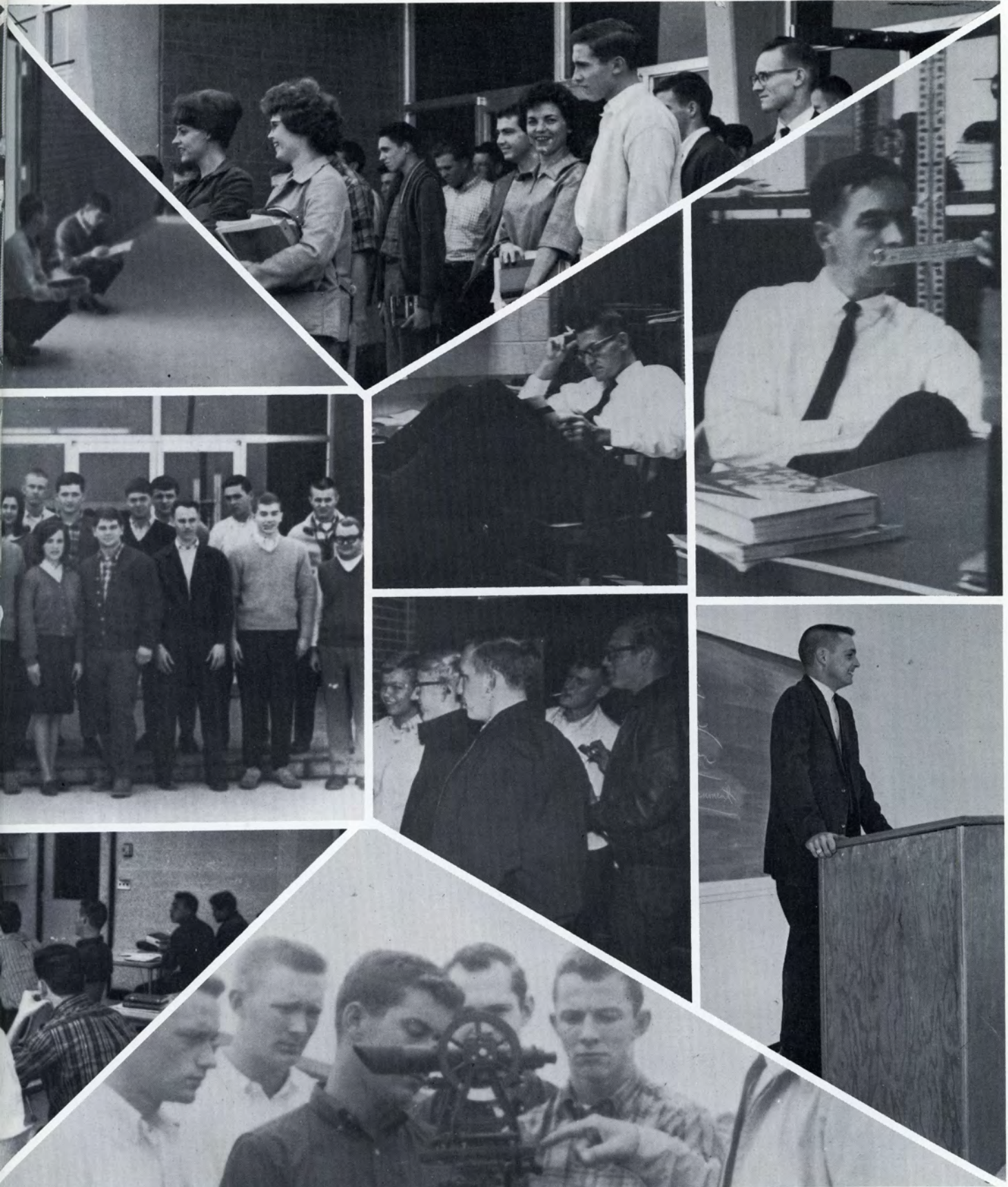
But "do-it-yourself" transportation does not provide weather protection for those expensive, precious books, and consumes too much labor and time from the jam-packed schedule of many students who commute considerable distances. They use ancient "T-Birds" and modern "T-Birds", Foreign and American sports cars, jalopies and Cadillacs in every color of the rainbow and all conditions of repair. However, for most students the double benefits (?) of economy and exercise determines the choice which is usually good old "Shanks' Mare".



AROUND THE CAMPUS . . .



FACES AND VIEWS



AROUND THE CAMPUS . . .



The ever-popular sweaters and slacks...



Handbags are always B-I-G and loaded with everything except the kitchen sink!!



The Collegiate Look... sweaters and skirts, shifts, kilts, hose, weejuns or flats, and for bad weather -- Go-Go boots.



Hairstyles range from French twists and hair pieces to bangs and beate cuts, but neatness is the rule. In jewelry, it's watches for wrists and rings for working fingers. Many

girls sport a class ring or diamond on that important finger before they graduate!!



FASHIONS



Some girls wear them too long; some girls wear them too short. Some boys wear them too tight or too short; and a few boys and girls wear their hair too long.



But the majority of students at F.T.I. take pride in their appearance, knowing that good grooming is an important asset in any occupation.... Perhaps these posed pictures will show why the budding young Engineer or aspiring Mechanic should NOT wear such fashions....



And why Secretaries should NOT wear high heels and pants!!



THE UNDERGRADUATES

They are young people recognizing the necessity for education to prepare themselves for the modern world, seeking high quality, low cost vocational or technical training and instruction on a commuter basis. They find it at F.T.I. together with an open-door policy...."Come one, come all--we have something...."....And they find the opening and closing of these doors as a part of the stern fluency of Life. Every door has some flavor of the unknown, some sense of moving into a new moment or a new pattern which resolves itself into Opportunity for Education...the star that lights the way to distant goals.



THE GRADUATES

They are young people seeking only a chance to prove they have the practical "know-how" in their chosen vocational or technical field to become an asset to their employer, and the maturity and good citizenship traits to become an asset to their Community, State, and Nation. After they have received their diplomas, they realize that the most important door closing behind them is the door to F.T.I....But they look Ahead--to the doors that are opening for them today, that will open wider tomorrow. They know if they try, they can make this closing a bright new opening; they can make their future very different from their past with the KEY TO SUCCESS they earned at Fayetteville Technical Institute.



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AUTOGRAPHS

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