

C378
A821P
1965

THE LIBRARY OF THE
UNIVERSITY OF
NORTH CAROLINA

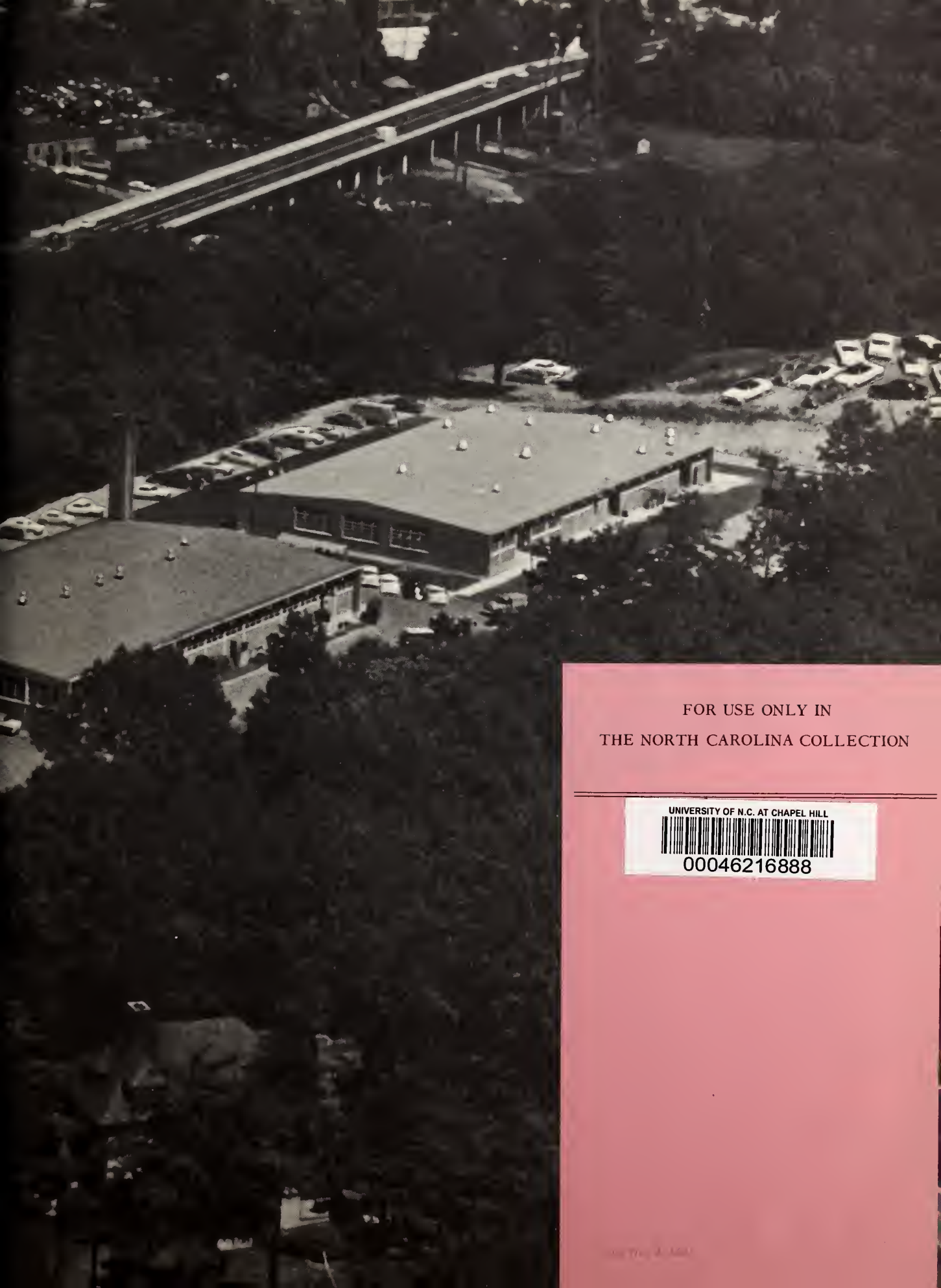


THE COLLECTION OF
NORTH CAROLINIANA
PRESENTED BY

State Library

C378
A821P
1965





FOR USE ONLY IN
THE NORTH CAROLINA COLLECTION

UNIVERSITY OF N.C. AT CHAPEL HILL



00046216888



Digitized by the Internet Archive
in 2014

<https://archive.org/details/mountaintechseri1965ashe>



THE MOUNTAIN TECH

Compiled and published by the students of:

ASHEVILLE BUNCOMBE TECHNICAL INSTITUTE

340 Victoria Road

Asheville, North Carolina

The Record of a Year of Growth -- 1965



That long, long line . . .

A vital need gave birth to Asheville Buncombe Technical Institute. The need being for trained men and women to fill positions in the industries of Western North Carolina. From its beginning the institute has grown rapidly in size. First two, and now three modern buildings housing over a million dollars worth of laboratory and shop equipment, provide the training areas for the 644 students preparing to secure positions with North Carolina's industries. On January 8, 1964, we obtained our Technical Institute status from the North Carolina General Assembly, which gave the right to award the Associate of Applied Science Degree. Our degree parallels the degree which is awarded upon graduation from a Junior College, but ours is terminal in nature.

Before we became a reality, much planning and research was done. Surveys were made over a long period of time prior to the actual establishment of our institute, and continue even now. These surveys proved that there was a great need for qualified men and women in the business and industry of Western North Carolina.

There are many standards that business and industry will require, and in order for us to meet these standards we are taught at a certain level in the institute. This teaching standard is regulated by a board of trustees aided by an advisory committee for each area of study. The advisory committee for each area of study are associated with business and industry and are familiar with our program of study in the school.



... at registration.

We are now recognized as a vital part of Western North Carolina's growth and development. The main philosophy of our institute is to serve the business and industry in North Carolina. By attracting new industry and contributing to the improvement of existing industry, we can develop this region of our state to its fullest extent. Through the growth and development of this area we can and will provide more opportunities for better living.

The graduate of Asheville Buncombe Technical Institute is unique in this quality of training. He enters the industry and community, qualified to earn his own living and make a useful contribution to his employer and his society.



18758









DEDICATION

TO: MR. J. GERALD COWAN

A man who stands tallest
among tall men of the
hemlock region and casts
his shadow of influence
to the outer shores of his
beloved State,

A man with a sincere and
genuine dignity tempered
with humility who pulls
from others willingly
their absolute best,

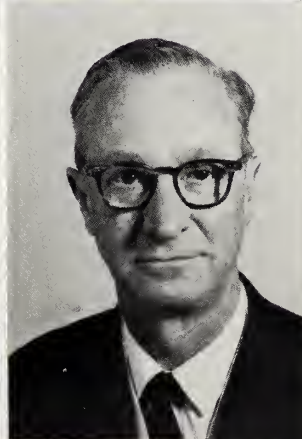
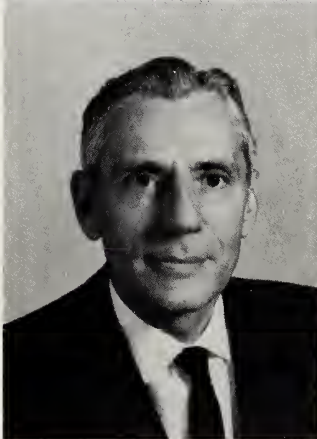
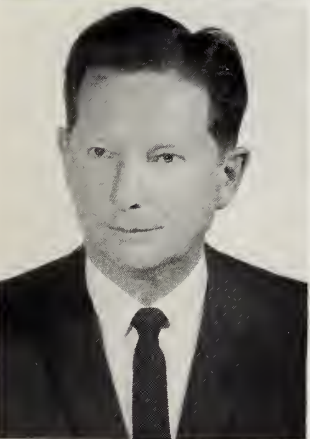
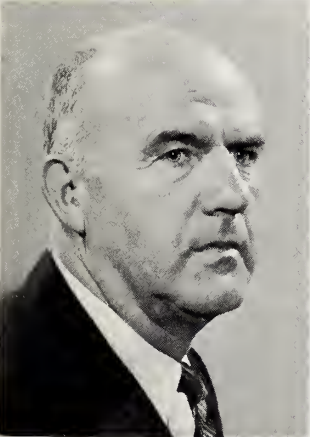
A man who through his
devotion to vocational
and technical education
and to this Institute has
helped our region to
progress industrially,

To MR. GERALD, a man
who has been and who
will continue to be our
cornerstone,

WE DEDICATE THIS ANNUAL
IN TOKEN OF OUR LOVE
AND APPRECIATION.



BOARD OF TRUSTEES



Dr. L. F. Zerfoss
Chairman
American Enka Corp.
Enka, North Carolina

J. Gerald Cowan
Vice-Chairman
Wachovia Bank
Asheville, North Carolina

John M. Barnes
Champion Papers Inc.
Canton, North Carolina

Joseph Belton
Stephens Lee
High School
Asheville, North
Carolina

Coke Candler
Chairman, Buncombe
County Commissioners

Herbert Coman
Beacon Manufacturing
Co.
Swannanoa, North
Carolina

W. B. Dillard
Dillard Construction Co.
Sylva, North Carolina

John H. Giezantner
Attorney-At-Law
Asheville, North Carolina

Paul W. Markwood
American Enka Corp.
Enka, North Carolina

Earnest Mills
Mills Manufacturing Co.
Asheville, North Carolina

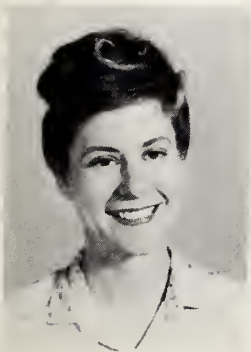
W. W. Shope
Shope Furniture Co.
Weaverville, North
Carolina

John M. Reynolds
Reynolds Storage Co.
Asheville, North Carolina



THOMAS W. SIMPSON, PRESIDENT

Thomas W. Simpson is a man who can operate a bulldozer. He is also a man who can administer the many and diverse operations of Asheville Buncombe Technical Institute. Under his guidance, Asheville Buncombe Technical Institute has attained full technical institute status with authority to award the Associate in Applied Science Degree, obtained additional facilities with the completion of 'C' Building, drawn praise from the local industrial leaders for contributing to the favorable industrial climate, and attracted state level attention for his careful and productive administration. Still, he had time to be our president, interested in each student; time for each faculty member, aware of the individual problems of the Institute 'family'. Numbered among his talents is the ability to laugh at good humor. Not like a machine he moves, but with the deft hand of the skillful operator he guides Asheville Buncombe Technical Institute toward its ever expanding future.



Mrs. Jane G. Smith
Secretary to the
President

Harvey L. Haynes
Dean of Instruction

John W. Davis
Director of
Student Personnel

Brewster C. Adams
Director of
Evening Program

Joseph B. Edwards, Jr.
Director of Extension

James R. Cox
Coordinator of
Distributive
Education

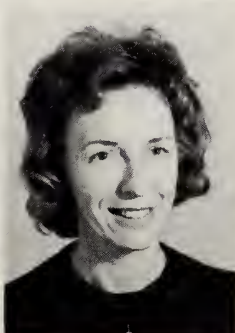
James R. Winning
Coordinator of
General Adult
Education and
Community Service



Mrs. Helen M. Bowers
Office Clerk

Mrs. Jessie P. Goforth
Bookkeeper

Mrs. Barbara P. Kitchens
Secretary



Miss Frances Nelson
Secretary

Mrs. Madeline C. Onellion
Receptionist

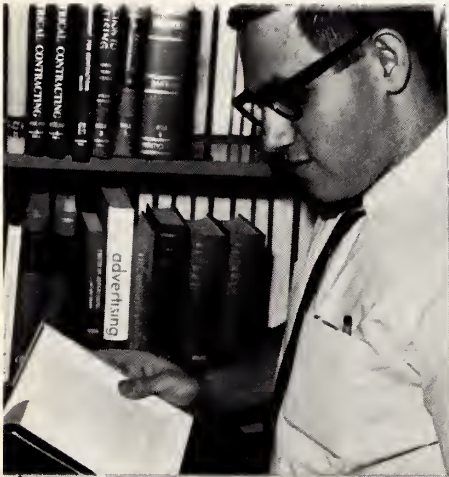
Mrs. Nancy W. Steele
Student Records



Mr. Robert Abee
Mathematics
"Applies geometry to kayaks."



Mr. James E. Anderson, Jr.
Chemical Technology
"In his spare time: Boy Scouts."



Mr. Bruce Arrowood
Librarian
"Taking his own medicine."



Mr. Albert W. Awald
Tool and Die Making



Mr. Norris H. Bell
Related Instruction



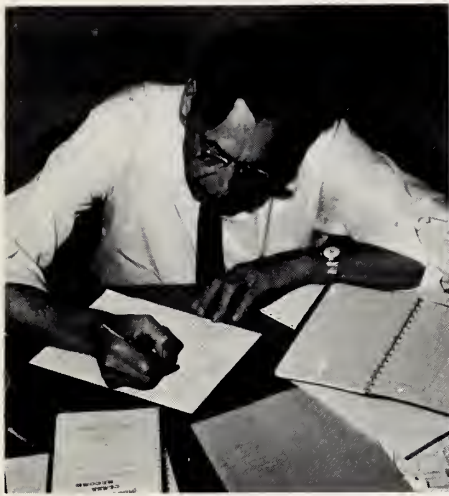
Mrs. Lynne P. Bernhardt
Secretarial



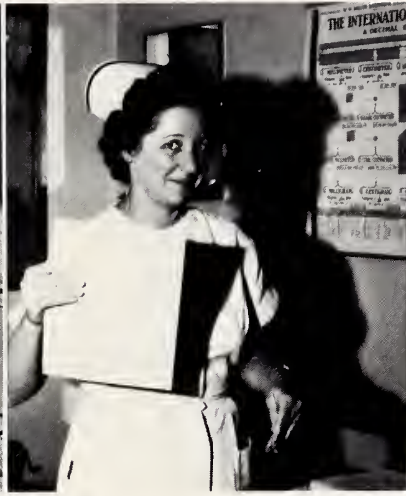
Mr. W. Carroll Bridges
Drafting and Design
Technology



Mr. M. B. Chidester
Mechanical Technology



Mr. B. S. Creasman
Electronics Technology



Mrs. Ruth G. Digges, R.N.
Practical Nursing



Mrs. Ruth W. Geddings, R.N.
Practical Nursing



Mr. Cletus H. Cantrell
Radio and Television Servicing
"Swing your partner"



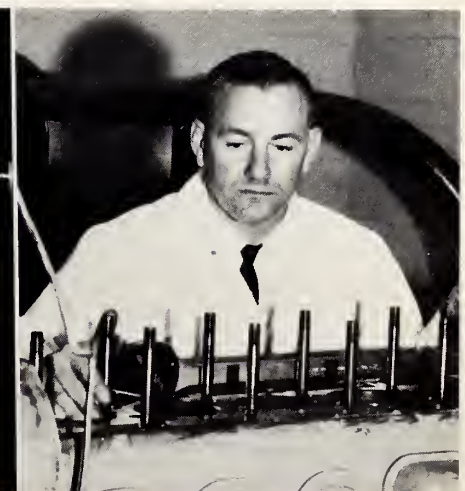
Mr. Harold Hamrick
Electronics Technology



Mr. N. E. Goode
Data Processing
Technology



Mr. B. E. Haynes
Machine Shop



Mr. Robert H. Israel
Heavy Equipment
Maintenance



Mrs. Cornelia S. Jarrett
Secretarial



Mrs. G. Arlene Jordan, R.N.
Practical Nursing



Mr. Roy A. Lambert
Related Instruction



Mr. John D. Lane
Related Instruction



Mr. G. Paul Lentjes
Related Instruction



Mr. Whiteford C. Mauldin
Business Administration



Mrs. Sara M. Morris
Related Instruction



Mr. Charles F. Noblitt
Automotive Mechanics



Mr. Robert L. Parker
Air Conditioning and
Refrigeration



Mr. Stans C. Sluder
Welding



Mrs. Jayne Ivey Patton
Secretarial



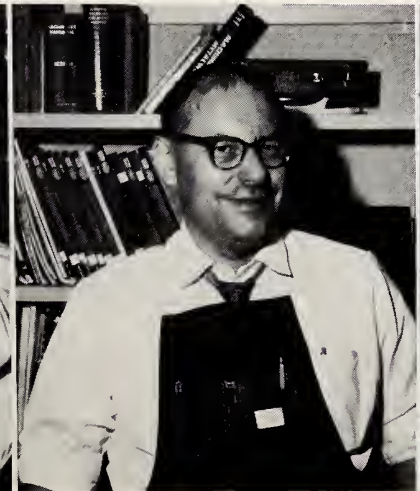
Mr. Robert H. Swann
Machine Shop



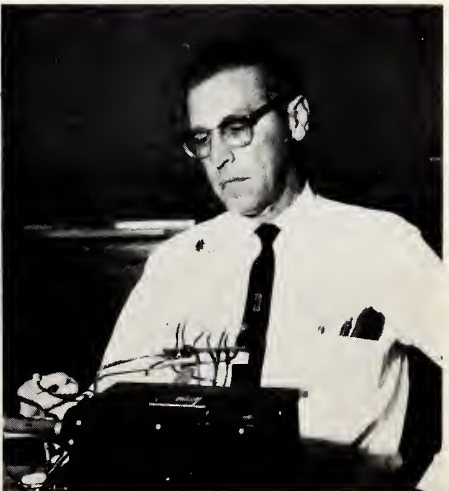
Mr. Olin R. Wood
Technical Mathematics



Mr. John Woody
Carpentry and
Cabinetmaking



Mr. Albert Bahr
Machine Shop



Mr. William O. Barnard, Jr.
Air Conditioning and
Refrigeration



Mr. James R. Brock
Drafting and Design
Technology



Mr. O'Brien Brooks, Jr.
Business Administration
"and Mark"



Mr. Jay Canter
Related Instruction



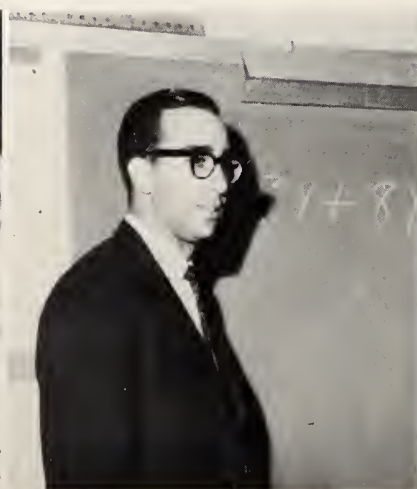
Mrs. Jeanne Sluder Cox
Related Instruction



Mr. Garret DenBraven, Jr.
Machine Shop



Mr. Roland E. Desrochers
Related Instruction



Mr. Gary Joe Gibson
Mathematics



Mr. George Tom Hornaday
Data Processing
Technology



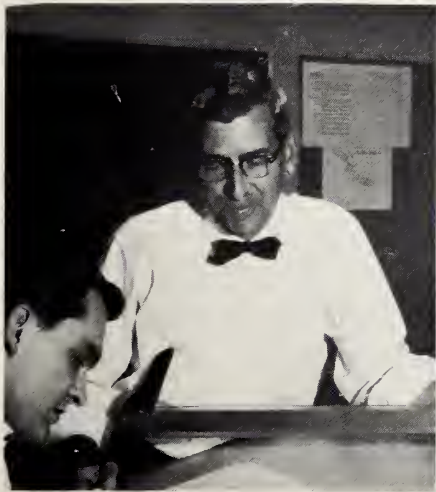
Mr. C. A. Johnson
Related Instruction



Mr. John Kury
Electronics Technology



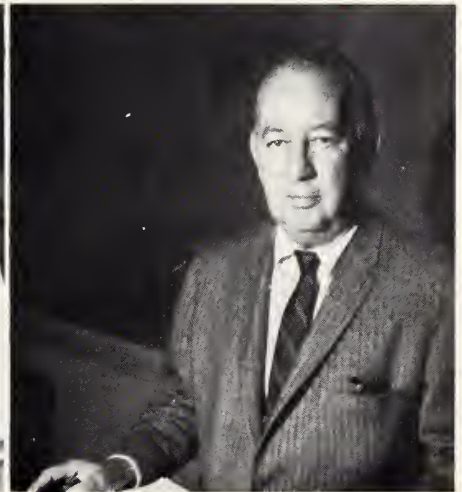
Mr. Earl L. McElrath
Related Instruction



Mr. S. W. McNéely
Drafting and Design
Technology



Mr. Hoyt Glen Montgomery
Related Instruction



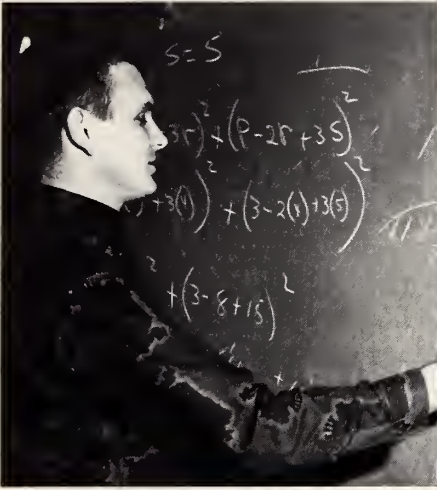
Mr. Jack Patterson
Business Administration



Mr. John P. Miall
Data Processing
Technology



Mr. Kefron C. Smathers
Welding



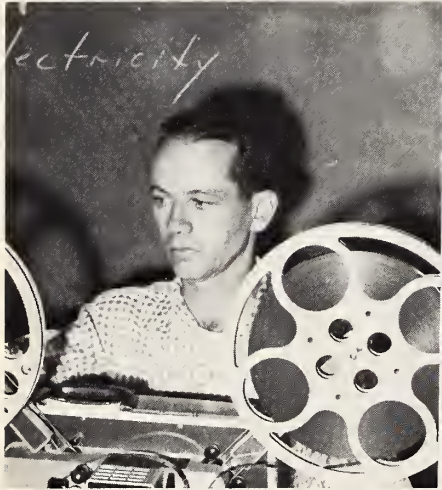
Mr. James H. Smith
Related Instruction



Mr. J. Ellis Snipes
Air Conditioning and
Refrigeration



Mr. Jerry A. Starnes
Related Instruction



Mr. Thomas E. Trimble
Related Instruction



Mr. C. E. White, Jr.
Automotive Mechanics



Mr. Dick White
Automotive Mechanics

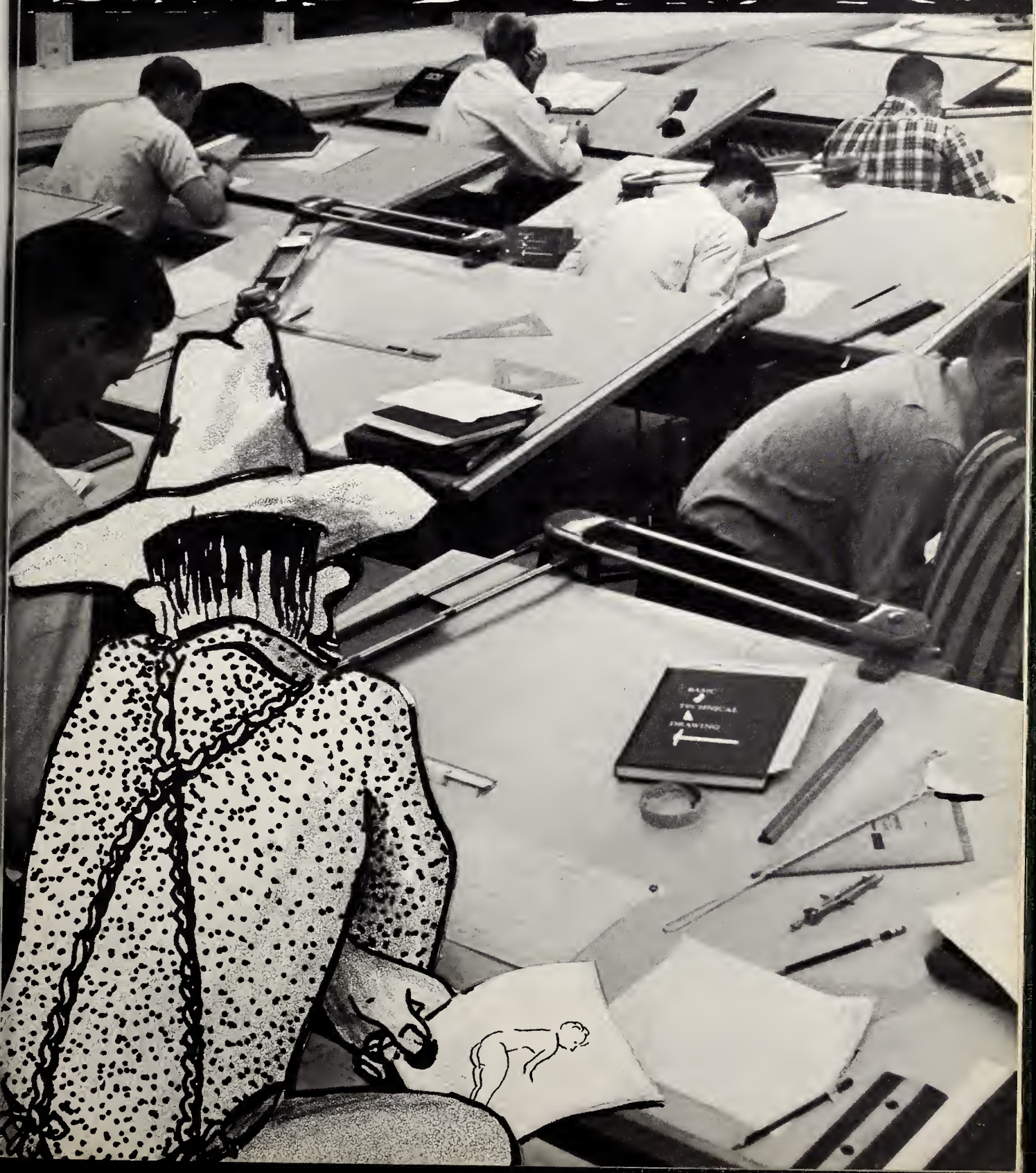


Mrs. Evie G. Brown
Custodian



Mr. Marcell Williams
Mr. Lyman W. Brown
Mr. Paul Rout
Custodians

school of technology





John H. Bell, Jr.
Chemical Technology



Ronnie G. Brookshire
Electronics Technology



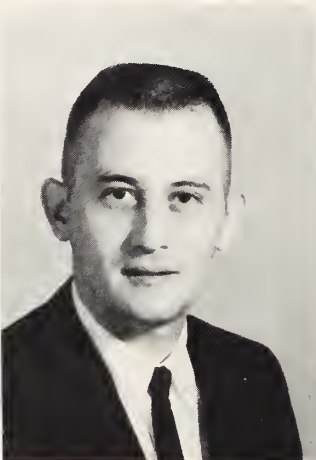
Bobby D. Buckner
Electronics Technology



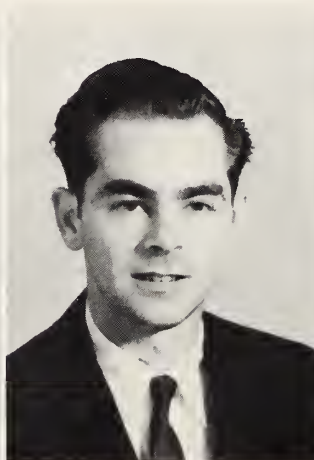
Danny J. Burrell
Drafting and Design
Technology



William M. Burnette
Drafting and Design
Technology



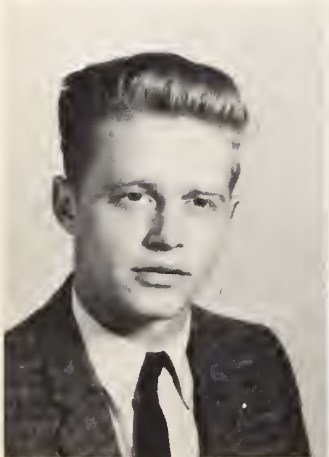
Charles D. Crum
Electronics Technology



William L. Crum
Drafting and Design
Technology



George G. Crump
Electronics Technology



Philip J. Davis
Drafting and Design
Technology



Charles W. Ducker
Drafting and Design
Technology



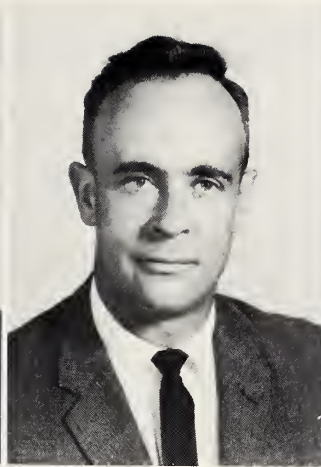
Ralph Freeman
Electronics Technology



Horace T. Graham
Electronics Technology



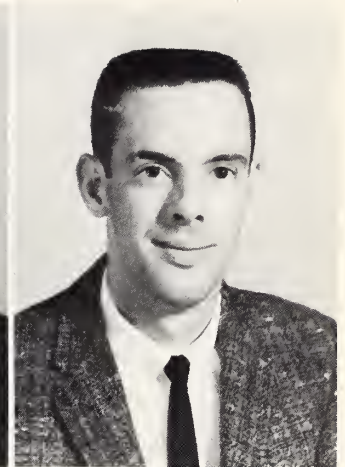
Ronald E. Gosnell
Data Processing
Technology



Eugene R. Gregory
Drafting and Design
Technology



Michael Haynes
Data Processing
Technology



Charles D. Harris
Electronics Technology



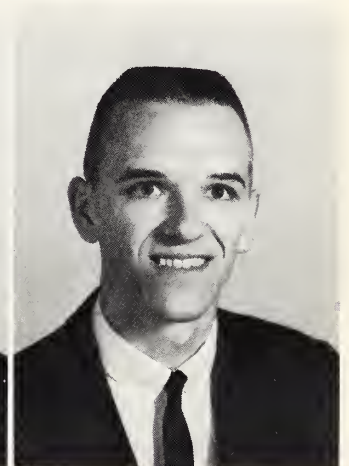
Donald R. Hill
Drafting and Design
Technology



William Keith
Data Processing
Technology



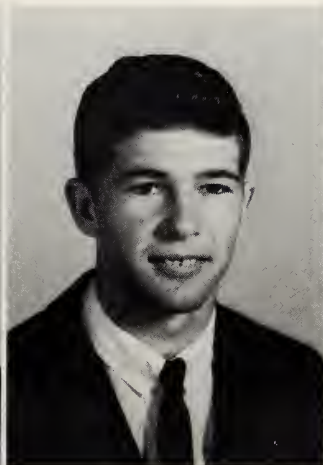
Michael Knight
Electronics Technology



Duane D. Lail
Drafting and Design
Technology



Steve Lanning
Electronics Technology



Clifford M. Laughter
Mechanical Technology



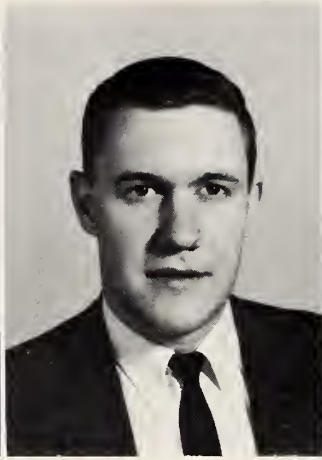
Robert L. Mason
Drafting and Design
Technology



Helen H. Mayhue
Data Processing
Technology



Harry L. Mears
Mechanical Technology



William J. Medlin
Electronics Technology



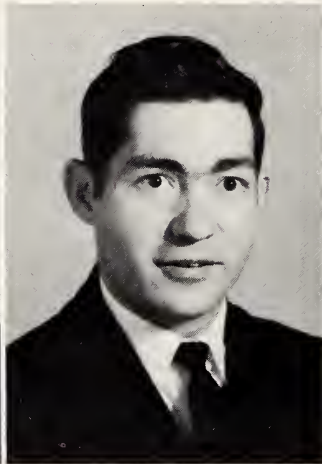
Mark Miller
Drafting and Design
Technology



Henry F. Moeller
Data Processing
Technology



Thomas F. Price
Drafting and Design
Technology



Hermon H. Rector
Drafting and Design
Technology



Ruby L. Reese
Data Processing
Technology



Manfred E. Reis
Drafting and Design
Technology



Larry A. Smith
Drafting and Design
Technology



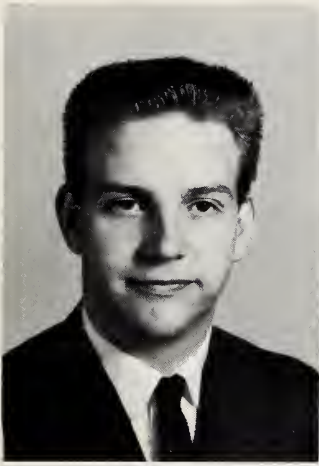
Robert D. Smith
Drafting and Design
Technology



Douglas W. Sparks
Mechanical Technology



William E. Stamey
Electronics Technology



Jack Von Swayngim
Chemical Technology



Everett Tate
Data Processing
Technology



Mickie L. Thompson
Electronics Technology



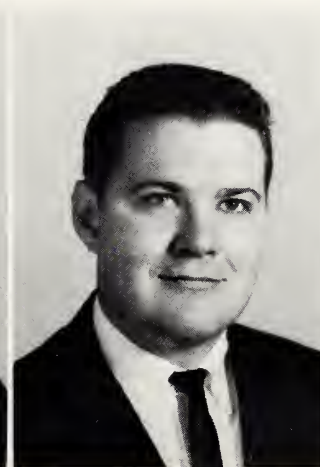
Carl Z. Thorpe
Drafting and Design
Technology



Volney L. Tinsley
Mechanical Technology



Jimmy G. Vaughn
Electronics Technology



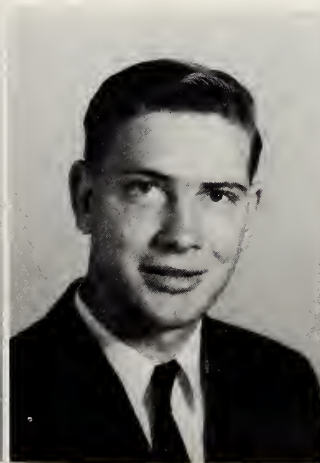
Marvin E. Waddey
Drafting and Design
Technology



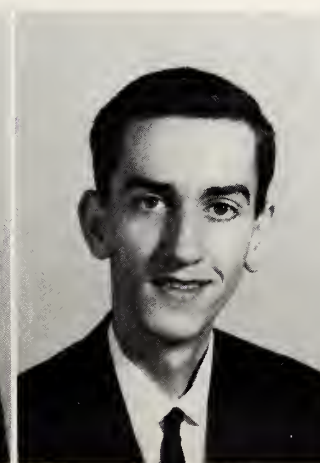
Allen L. Watts
Data Processing
Technology



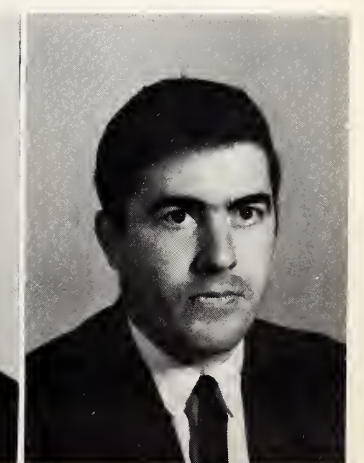
Edward Wilson
Mechanical Technology



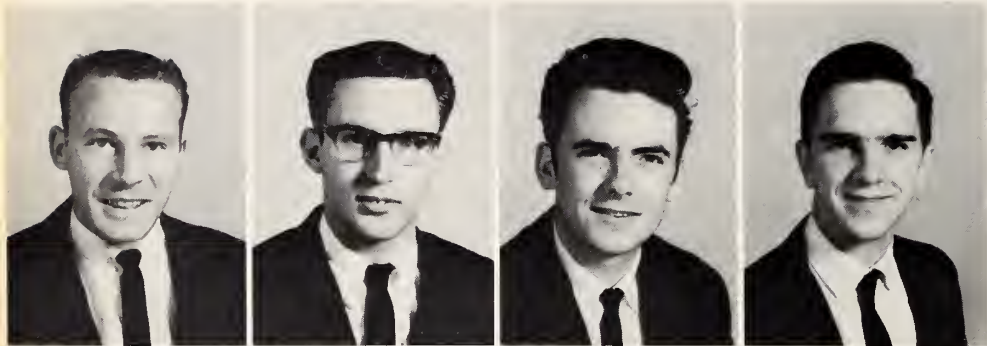
Edward W. Yount
Electronics Technology



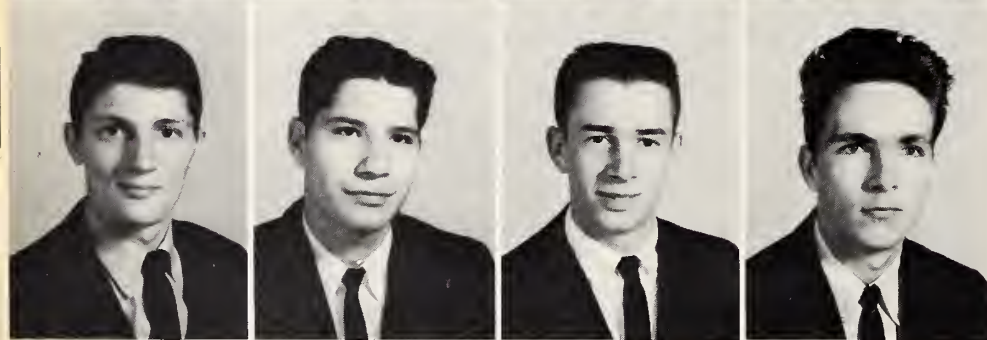
Thomas A. Wakefield
Drafting and Design
Technology



Arthur F. Jenkins
Electronics Technology



James D. Allen
Drafting and Design
Technology
Thomas G. Allen
Business Administration
Edward E. Ammons
Electronics Technology
Don N. Arrowood
Electronics Technology



Roger D. Banks
Drafting and Design
Technology
John L. Beck
Electronics Technology
George E. Becker
Drafting and Design
Technology
Jimmy E. Bishop
Business Administration



Eugene K. Blalock
Data Processing Technology
Larry K. Blythe
Business Administration
William A. Bourquin
Electronics Technology
Michael W. Bradley
Electronics Technology



Ronald E. Brevard
Drafting and Design
Technology
Larry G. Brown
Business Administration
Molton L. Buchanan, Jr.
Drafting and Design
Technology
John D. Calloway
Electronics Technology



Joyce P. Carter
Data Processing Technology
William C. Carter
Data Processing Technology
James J. Chandler
Drafting and Design
Technology
Jack L. Clarke
Data Processing Technology

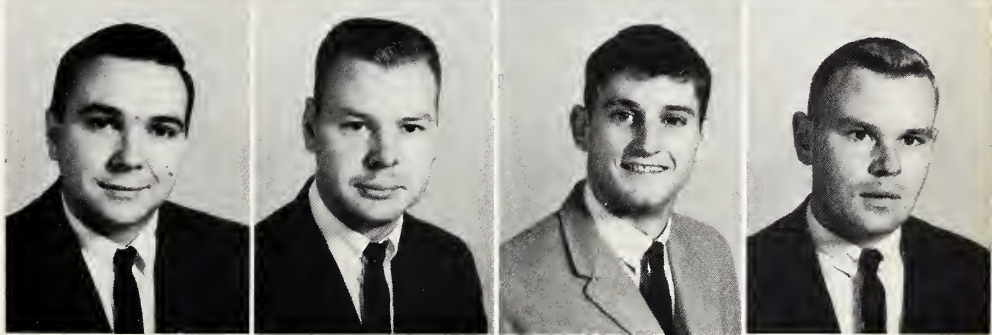
Daniel B. Clements
 Business Administration
 Abbott E. Conner
 Data Processing Technology
 Curtis J. Corn
 Chemical Technology
 James W. Crawford
 Business Administration



Mollie M. Cruikshank
 Data Processing Technology
 Jacqueline L. Davis
 Data Processing Technology
 Ronald G. Dellinger
 Business Administration
 Freddy M. Dickerson
 Drafting and Design
 Technology



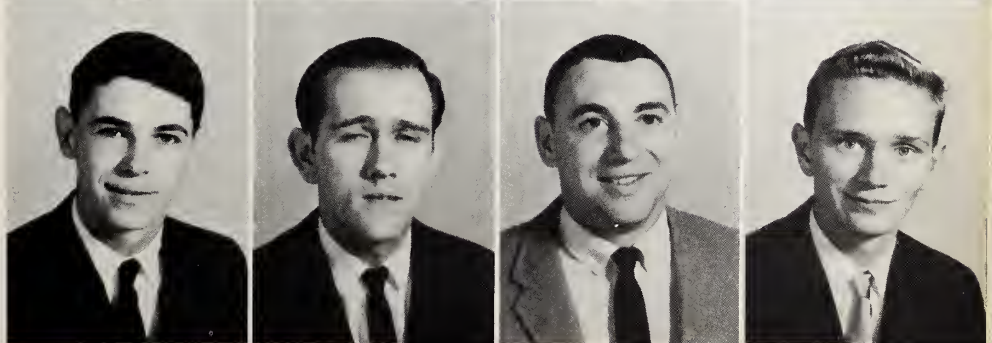
Alfred H. Dillingham
 Drafting and Design
 Technology
 Perry A. Dillingham
 Data Processing Technology
 John R. Durner
 Business Administration
 Robert C. Early
 Mechanical Technology



James O. Edwards
 Data Processing Technology
 Robert H. Eldridge
 Chemical Technology
 Carl E. Eldridge, Jr.
 Business Administration
 Roger S. Ellison
 Chemical Technology



James D. Enloe
 Drafting and Design
 Technology
 Charles B. Farlow
 Electronics Technology
 Douglas E. Fisher
 Data Processing Technology
 David L. Godfrey
 Electronics Technology

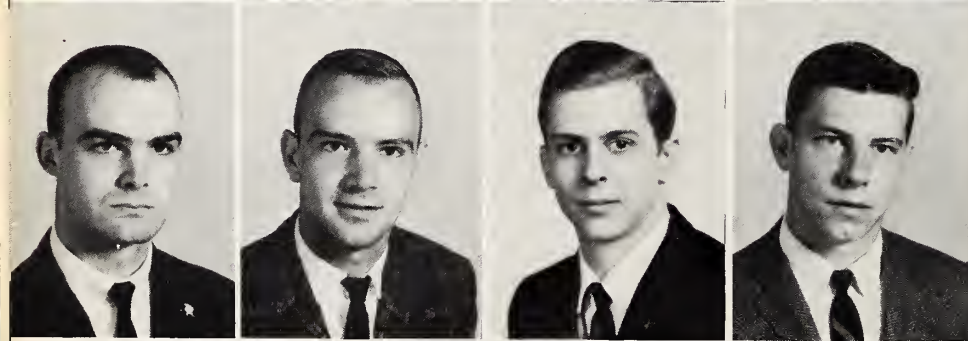




Mack A. Gray
 Electronics Technology
 Carolyn A. Griffin
 Data Processing Technology
 John Hagan
 Business Administration
 Donald W. Hall
 Electronics Technology



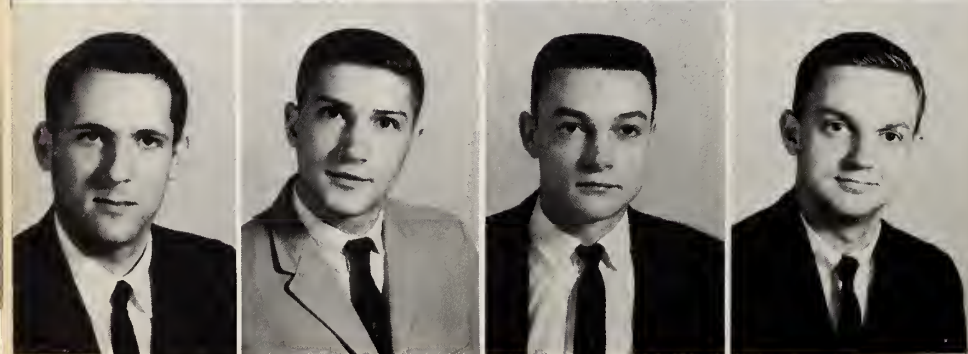
Theodore T. Hall
 Business Administration
 Thomas L. Harris
 Business Administration
 James G. Hetherington, Jr.
 Mechanical Technology
 Eddie S. Henderson
 Mechanical Technology



Kenneth E. Hensley
 Electronics Technology
 Samuel R. Hilemon
 Mechanical Technology
 Joseph R. Hiles
 Business Administration
 Jim A. Honeycutt
 Business Administration

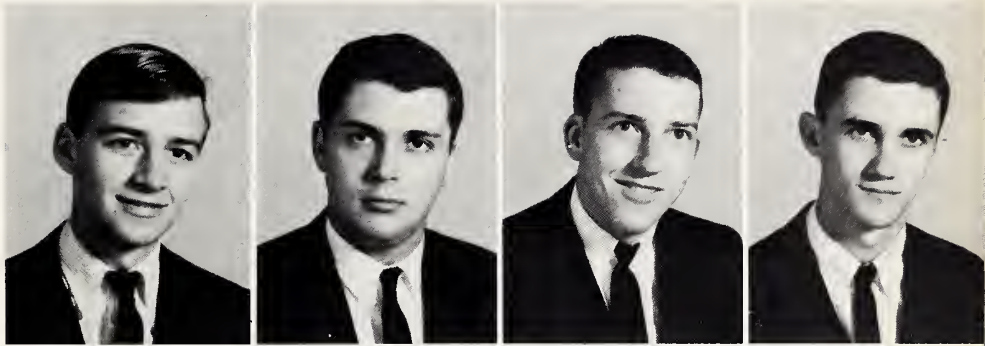


Robert R. Howell
 Data Processing Technology
 Roger L. Hunter
 Business Administration
 Gary J. Jackson
 Business Administration
 Michael W. James
 Business Administration

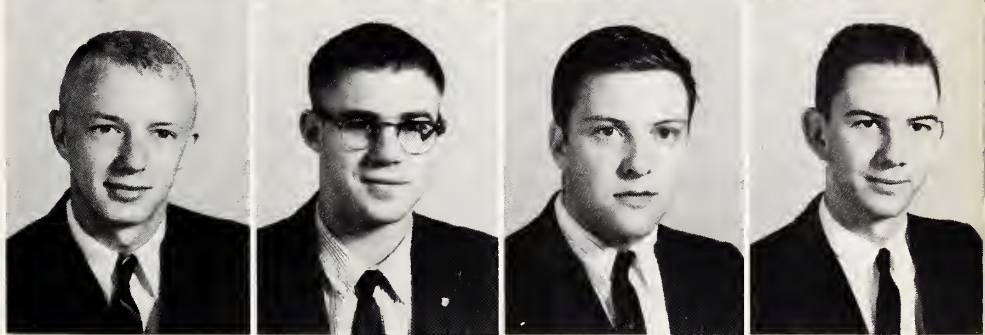


Charles S. Johnson
 Electronics Technology
 Robert H. Jolly
 Business Administration
 Carl G. Jones
 Business Administration
 Jack H. Keenan, Jr.
 Drafting and Design
 Technology

Billy A. Kilpatrick
 Chemical Technology
 Charles S. Lunsford
 Business Administration
 William S. McCall
 Drafting and Design
 Technology
 Larry A. McDuffie
 Drafting and Design
 Technology



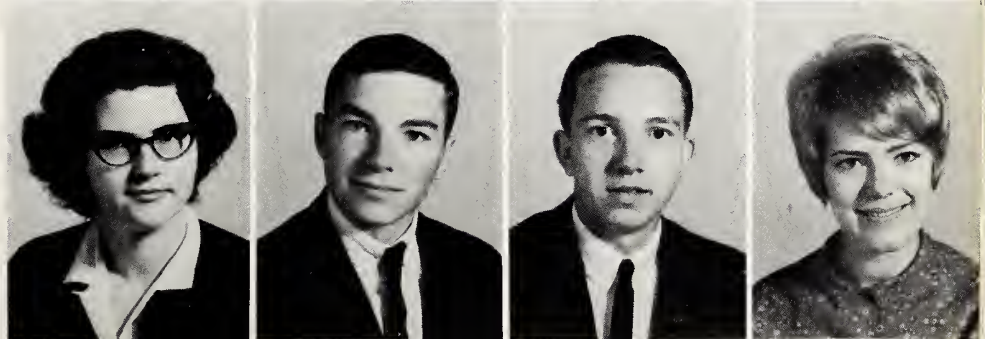
Bruce D. McIntosh
 Drafting and Design
 Technology
 John R. H. McIntosh
 Chemical Technology
 Jerry L. McMahan
 Drafting and Design
 Technology
 Leslie S. Marvin
 Drafting and Design
 Technology



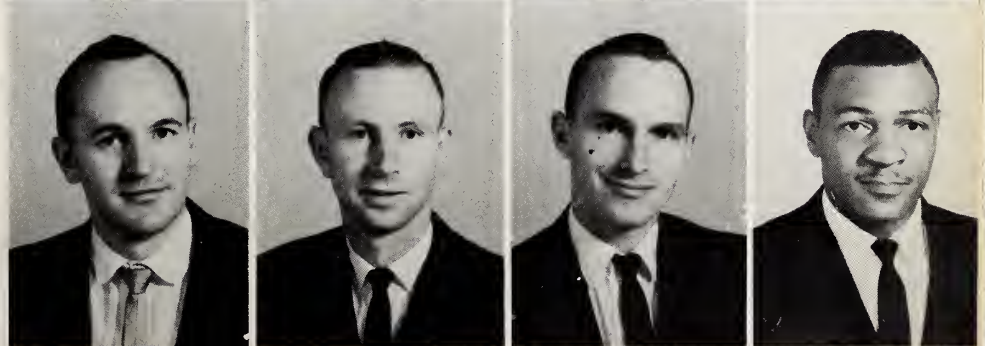
Stephen E. Mason
 Chemical Technology
 Patricia L. Mayhew
 Data Processing Technology
 William T. Mease
 Business Administration
 Larry M. Melton
 Drafting and Design
 Technology

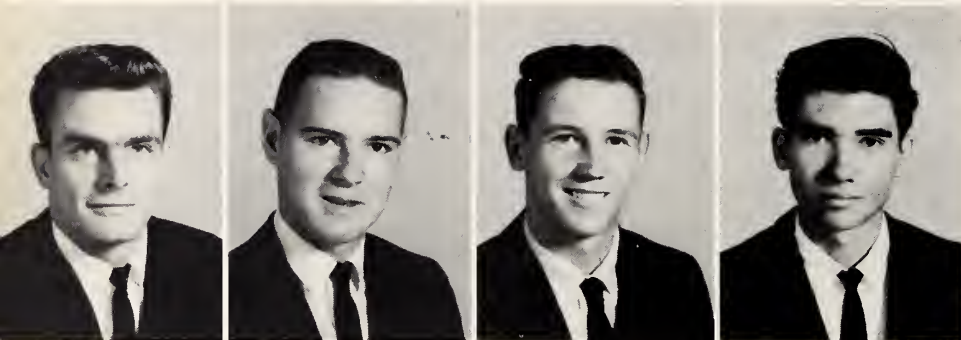


Mrs. Edith C. Moore
 Data Processing Technology
 Stephen A. Moore
 Drafting and Design
 Technology
 Gary C. Morton
 Business Administration
 Betty G. Mucci
 Business Administration

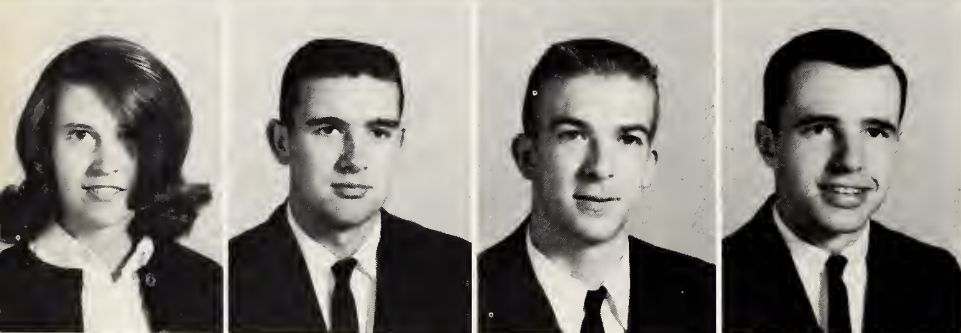


Robert C. Mullinax
 Data Processing
 Stuart A. Nanney
 Data Processing
 Wayne R. Neal
 Electronics
 Clarence J. Nearer
 Data Processing





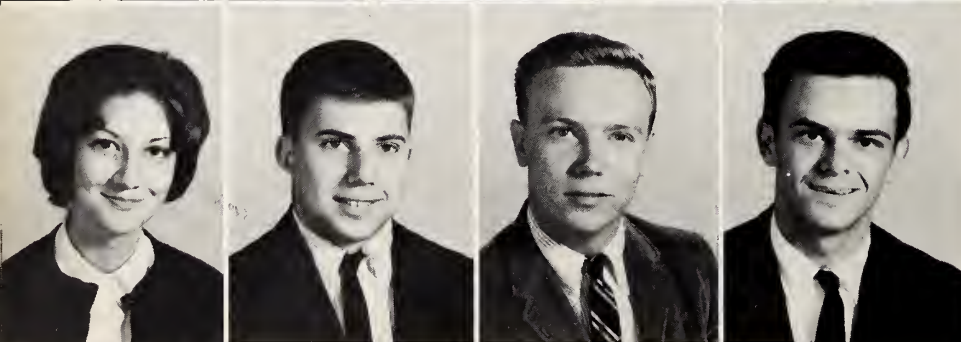
Willard James Norton
Data Processing Technology
Sammy C. Pegg
Data Processing Technology
Douglas H. Penland
Business Administration
Kenneth B. Penland
Drafting and Design
Technology



Lynda L. Phillips
Data Processing Technology
Robert D. Poston
Electronics Technology
Fred L. Pressley
Business Administration
Guy E. Pressley
Chemical Technology



Maxella G. Randolph
Data Processing Technology
Robert D. Ray
Data Processing Technology
Wanda S. Ray
Business Administration
Roy F. Rice
Chemical Technology

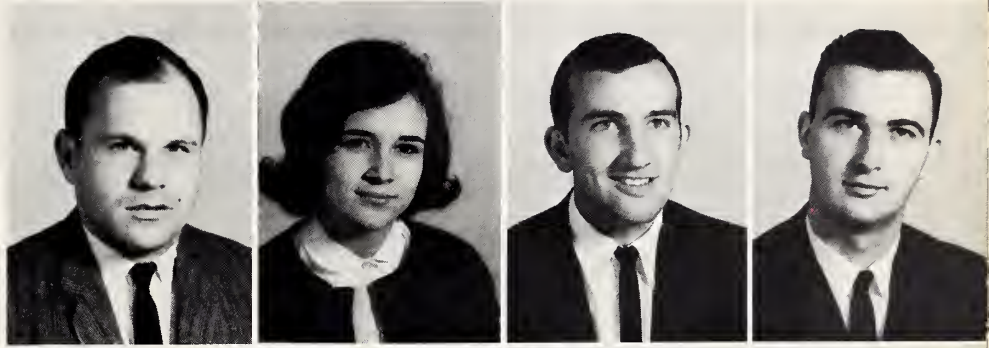


Carolyn J. Roach
Business Administration
Paul N. Roberts
Drafting and Design
Technology
Homer H. Sanford
Drafting and Design
Technology
Jerry M. Scoggins
Drafting and Design
Technology

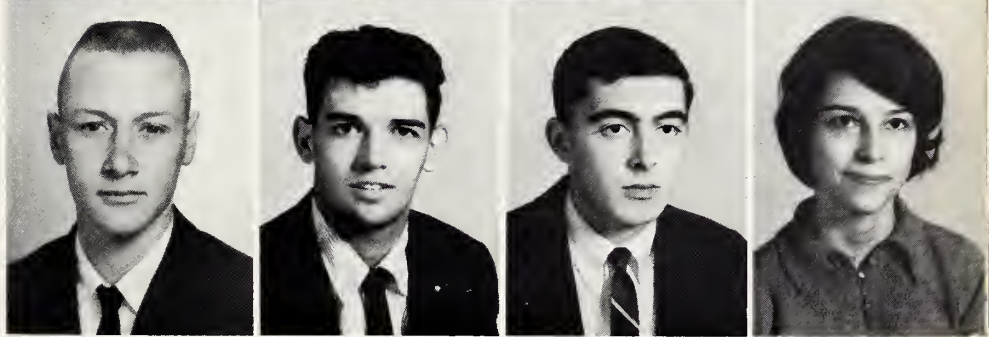


Tim A. Scroggs
Data Processing Technology
Jack R. Shelton
Data Processing Technology
Garry D. Sheppard
Data Processing Technology
Ted W. Shulze
Electronics Technology

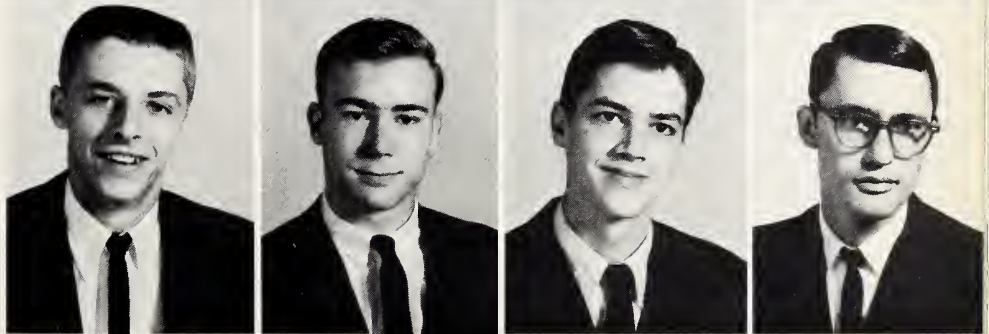
Eugene B. Smith
Data Processing Technology
Sylvia A. Sprinkle
Data Processing Technology
Michael D. Summey
Mechanical Technology
Johnny D. Sutphin
Business Administration



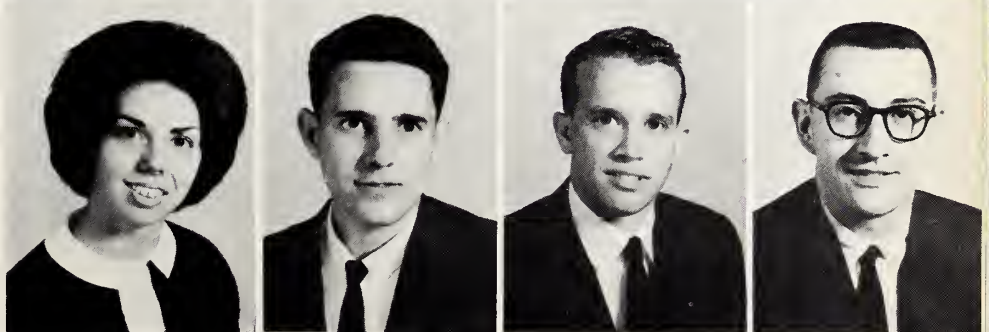
Rodney M. Styles
Chemical Technology
Danny P. Taylor
Drafting and Design
Technology
Jack L. Thomas
Data Processing Technology
Bernadine E. Towe
Business Administration



Jack D. Trexler
Mechanical Technology
Wilson R. Tschiffely
Mechanical Technology
James C. Tucker
Drafting and Design
Technology
James Van Huss
Mechanical Technology



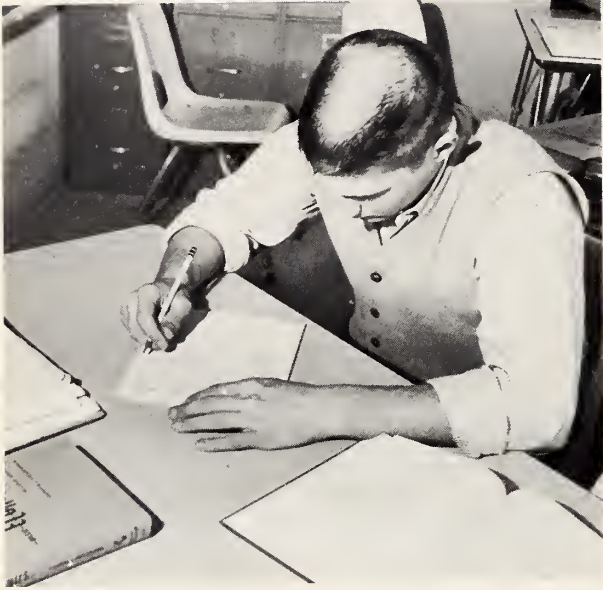
Clovia A. Wilson
Business Administration
Grady C. Worley
Data Processing Technology
George W. Wright
Data Processing Technology
Robert W. Zerfoss
Data Processing Technology



"Don't you wish every-
body did?"



BUSINESS ADMINISTRATION



Accounting Class

The student in Business Administration is trained to deal with the rapidly expanding technological business field. By using the various skills such as business law, accounting and advertising, he may excel in salesmanship, finance, banking, or an unlimited number of occupations in the business field.

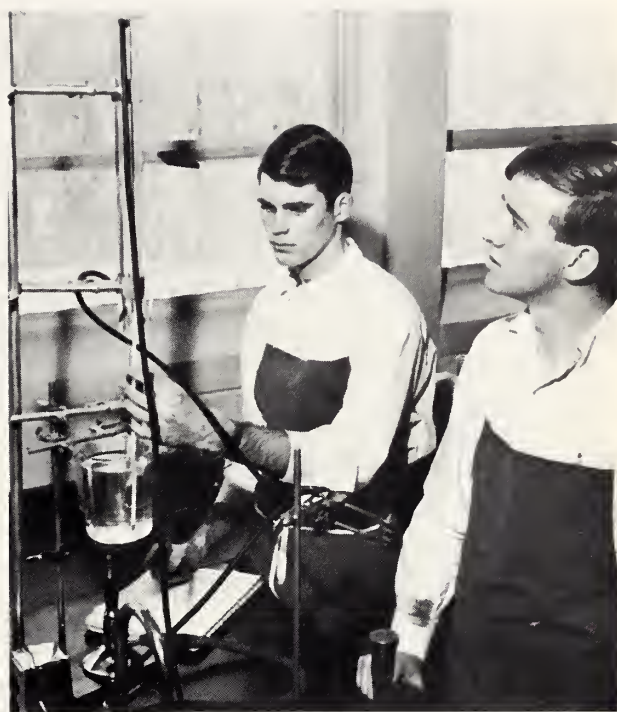


Happiness is sucking your thumb.

CHEMICAL TECHNOLOGY



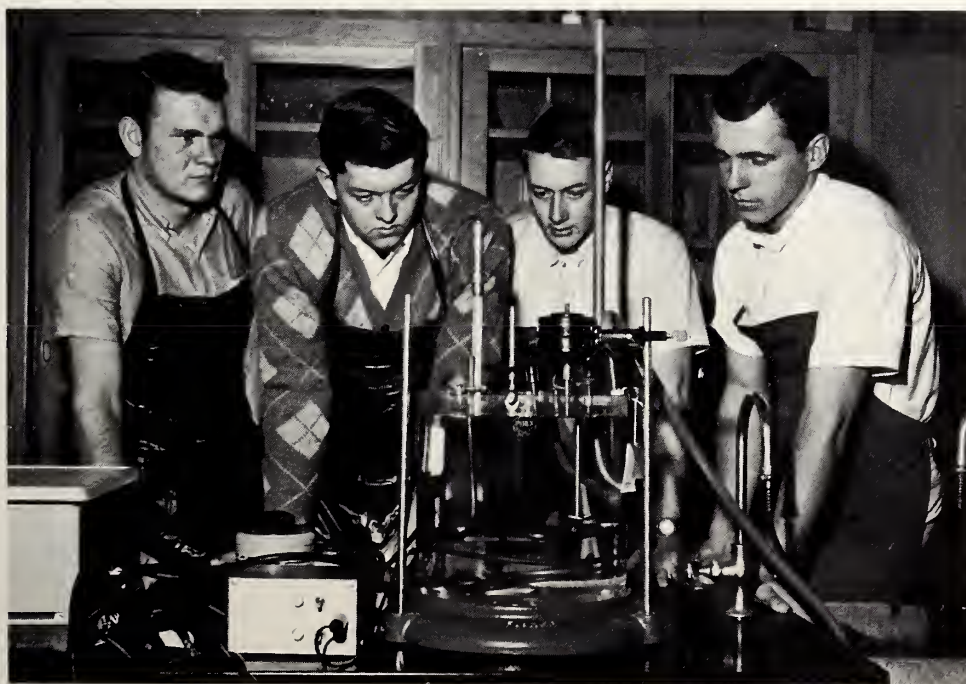
Double-beam Spectrophotometer



Experiment in Sublimation

The Chemist of today provides many of the industrial needs of the world through the research and development of new products and their uses. Through extensive training in such advanced techniques as Chromatography and Spectrophotometry, he is able to correlate the theory and ideas of chemistry into practical application in industry.

Constant Temperature Viscometer



DATA PROCESSING TECHNOLOGY



Writing a program for the 1620 computer.

By understanding the latest concepts of computer automation these students are qualified to play one of the leading roles in the scientific and business worlds of today and in the future. An understanding of the principles of the IBM 1620 computer enables them to work computer problems in a fraction of the time needed in the past.

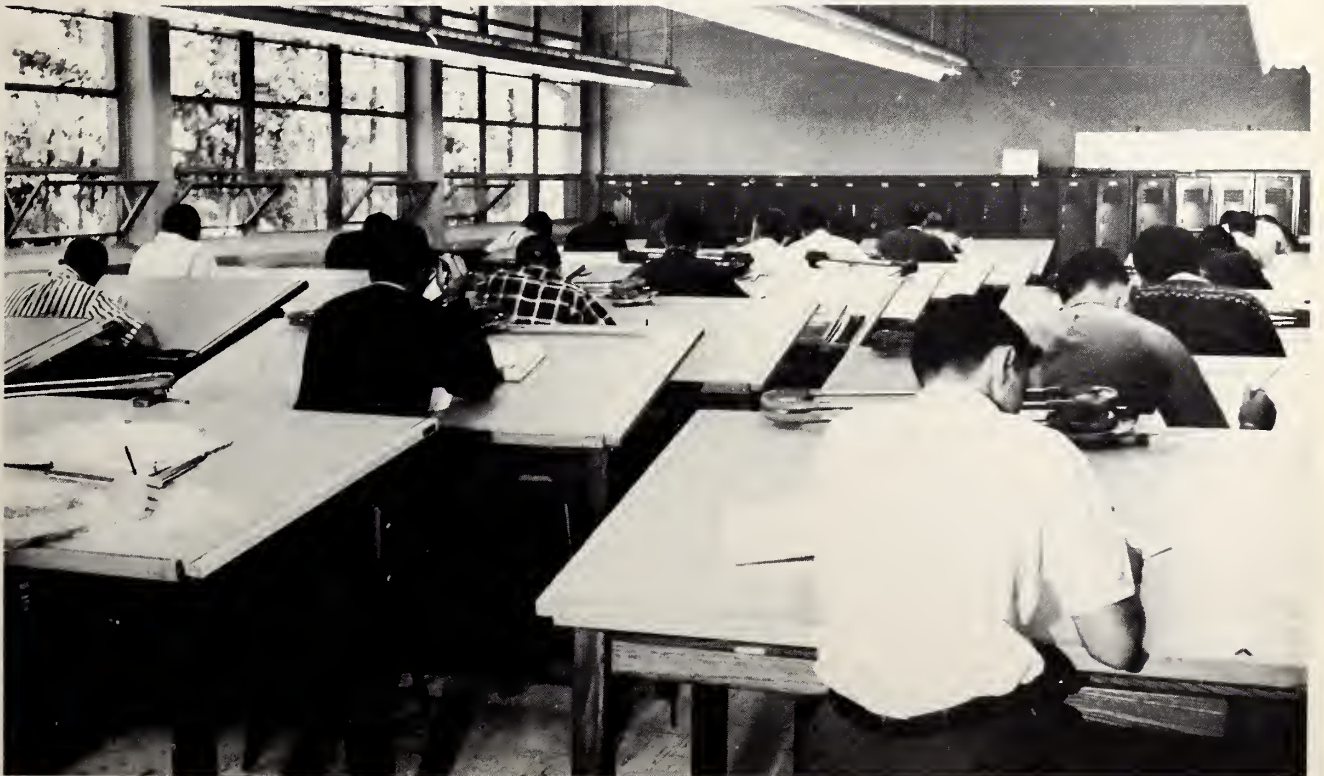


Testing panel wiring on the 407 Accounting machine.



DRAFTING AND DESIGN TECHNOLOGY

The draftsman is qualified to perform duties in mechanical and design principles and to provide the blueprints and layouts necessary to standard business and industrial organizations. He is trained in lettering and line work, orthographic layout, and pictorial drawings using the trimetric, isometric, oblique and perspective methods.



ELECTRONICS TECHNOLOGY



Writing Conclusions

Through the use of many complex pieces of equipment the electronics instructor ties in his lecture classes with laboratory work so as to provide the student with a solid background of theory and application needed to meet the expanding electronics field. By applying the broad curriculum provided the student is able to meet the responsibilities of the electronics industry.

Step-counter Research

Power Supply Analysis



MECHANICAL TECHNOLOGY



Tinius-Olsen Tensile Testing Machine.

The mechanical technologist is trained to design equipment needed to give motion to machines. He can provide the practical application of engineering theories to the growing needs of today's highly technical automated industry.



Rockwell Hardness Tester

Heat Treating Metals

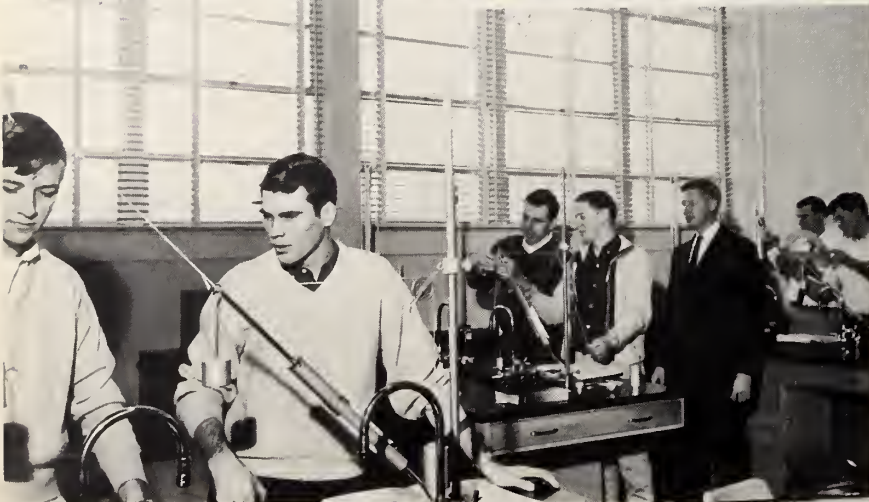


RELATED TECHNICAL INSTRUCTION



Chemistry:
Watching Nuclear
Radiation

Math:
Integral Calculus

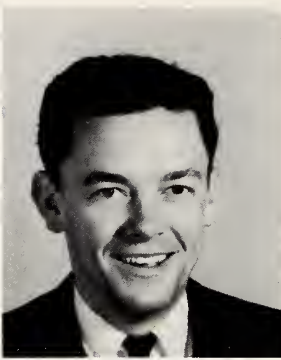
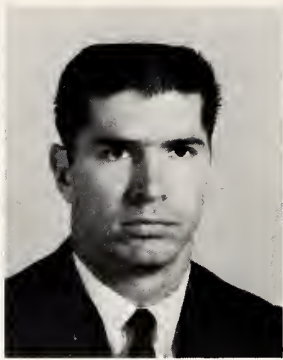


Physics: The crane-boom problem.

The Technical student studies mathematics and physics because these are the foundation courses needed for an understanding of scientific and mechanical problems. He studies speech and technical writing so that he can convey correctly his ideas to others by means of written reports or lectures.

school of trades





James H. Adkins
Carpentry and Cabinet Making

James B. Alexander
Welding

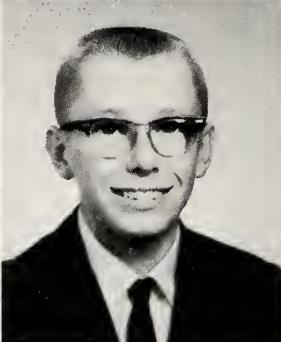
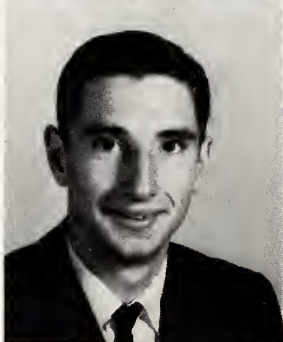
Jimmy Lee Allen
Tool and Die Making



Mrs. Patricia H. Baldwin
Secretarial

Orval Edward Banks
Tool and Die Making

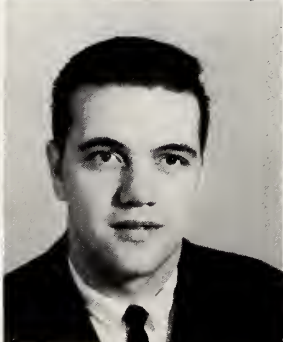
Mrs. Nancy C. Bartlett
Secretarial



Judy Gayle Bass
Secretarial

Vetice Arthur Bates
Machine Shop

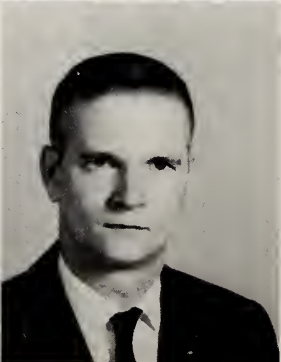
Ronald Evan Beck
Radio and Television Servicing



Lloyd Pharis Beddingfield
Carpentry and Cabinet Making

Tommy Clark Bell
Machine Shop

Tom Perry Bennett
Radio and Television Servicing



Becky Joe Biggerstaff
Secretarial

Charles Morgan Brank
Machine Shop

Charles Lee Brank
Machine Shop

John Lucius Brown
Machine Shop

Mary Ellen Buchanan
Secretarial

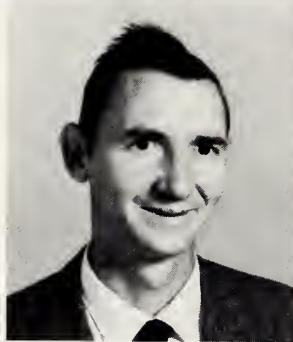
Barbara Ann Campbell
Secretarial



Norman Eugene Capps
Welding

Wayne Gaskins Capps
Welding

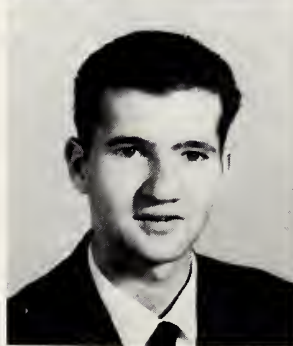
Gertie Mae Chambers
Secretarial



Phillip Howell Clark
Welding

Mary Elaine Cole
Secretarial

James Larry Cole
Automotive Mechanics



Patricia Joe Conner
Secretarial

Patricia L. Craig
Secretarial

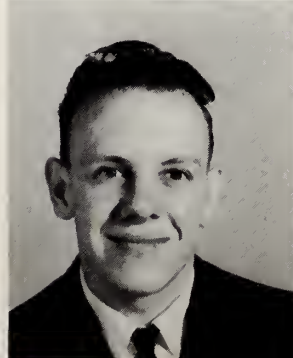
Bobby James Creasman
Machine Shop



Carroll Creasman, Jr.
Machine Shop

Clara Elizabeth Davis
Secretarial

Richard Gibson Davis
Machine Shop





Mrs. Rosa E. Davis
Secretarial

Jeannie Dickerson
Secretarial

Linda Lou Duck
Secretarial



Nellie Jo Dull
Secretarial

Elizabeth R. Elkin
Secretarial

Howard D. Ferguson
Automotive Mechanics



Henry Ronald Free
Air Conditioning

Terry J. Gentry
Automotive Mechanics

Anita H. Goldsmith
Secretarial



Howard F. Gordon
Machine Shop

Leona D. Graham
Secretarial

Herbert H. Green
Machine Shop



Linda J. Guthrie
Secretarial

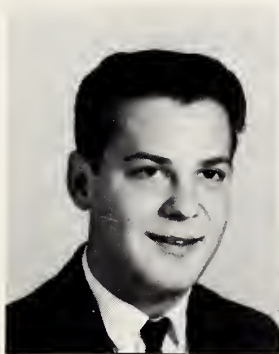
Glenn C. Haney
Heavy Equipment

Sam M. Harper
Automotive Mechanics

Larry W. Jarvis
Automotive Mechanics

Ronald Lewis Hendrix
Machine Shop

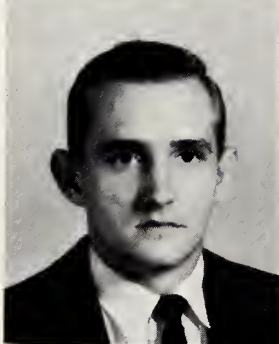
Ralph R. Hensley, Jr.
Machine Shop



Albert Dewight Henson
Air Conditioning and
Refrigeration

Charles William Henson
Welding

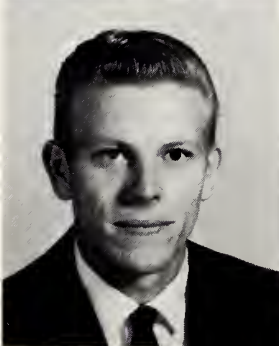
George R. Martin
Automotive Mechanics



John David Holt
Air Conditioning and
Refrigeration

Ethel Edmonia Hopkins
Secretarial

Wilmer McGee
Air Conditioning and
Refrigeration



Mrs. Nellie R. Ayers
Secretarial

Mrs. Caroline P. Osteen
Secretarial

Charles Elmer Johnson
Air Conditioning and
Refrigeration

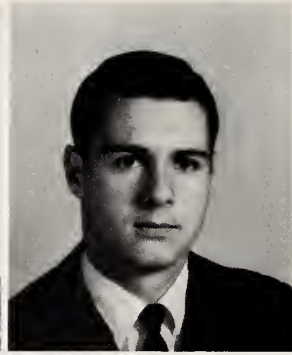


Melvin Jones
Air Conditioning and
Refrigeration

Jack Keith
Heavy Equipment
Maintenance

Mrs. Margaret B. King
Secretarial

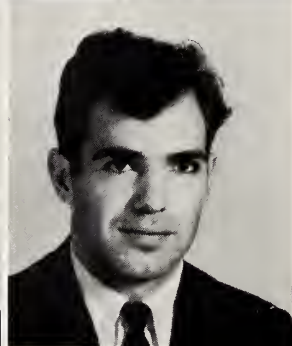
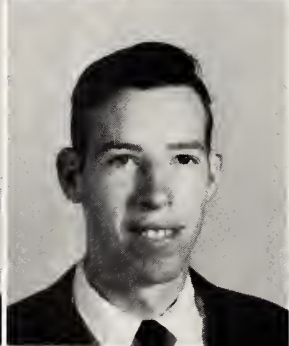




Morris Dean Knupp
Automotive Mechanics

Paul B. Lane
Welding

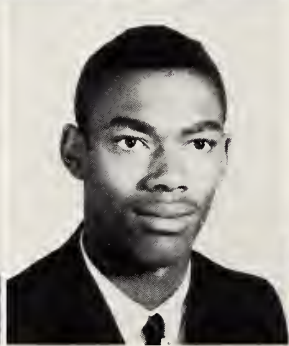
Larry B. Langford
Machine Shop



Frank Milton Lavender
Machine Shop

Paul C. Levi
Welding

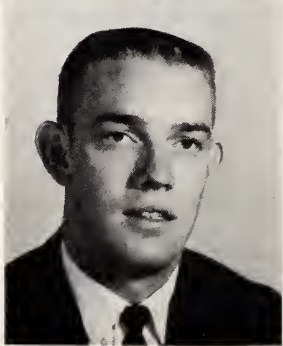
Charles Long
Welding



James Lytle
Machine Shop

Oscar McCoy
Heavy Equipment
Maintenance

Charles McElrath
Carpentry and Cabinet Making



W. L. McNabb
Air Conditioning and
Refrigeration

Kennie Wayne McPeters
Machine Shop

James Malone
Carpentry and Cabinet Making



D. Dewayne Mease
Air Conditioning and
Refrigeration

Ronald M. Moore
Welding

Mrs. Betty M. Moorefield
Secretarial

Mrs. Lucille P. Norton
Secretarial

David Ralph Orr
Machine Shop

Edward Houston Owenby
Heavy Equipment
Maintenance



James Owens
Automotive Mechanics

Chester Millaed Owenby, Jr.
Machine Shop

Patricia Ann Parham
Secretarial



Stephen Blane Penland
Welding

Roy Pounders
Welding

Mrs. Charlene Radau
Secretarial



Ronald Erwin Radford
Air Conditioning and
Refrigeration

Janis Ann Ramsey
Secretarial

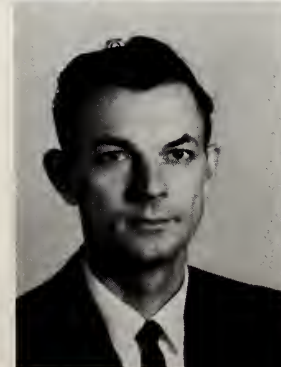
Martha Ann Reece
Secretarial



James M. Rice
Tool and Die Making

Mrs. Frances Jones Riley
Secretarial

Dale Roberts
Radio and Television Servicing





Betty Jo Robinson
Secretarial

Judy Ann Robinson
Secretarial

Maureen Robinson
Secretarial



Ulys Larken Ruff
Automotive Mechanics

Gerald E. Shelton
Machine Shop

Kathleen Virginia Shurling
Secretarial



Roland Stone
Radio and Television Servicing

Doyle J. Smith
Machine Shop

Mrs. Margaret C. Snyder
Secretarial



Sabra Marie Sperati
Secretarial

Mrs. Lillian P. Stover
Secretarial

Wanda Kay Suddreth
Secretarial



Ronald Sutphin
Tool and Die Making

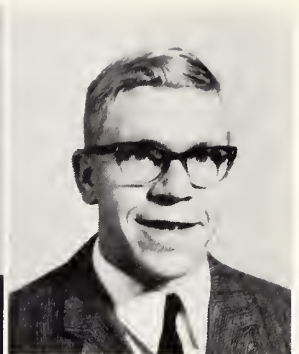
Max Millard Suttles
Welding

George T. Sutton
Machine Shop

Harry Taggert
Automotive Mechanics

Willie Terry
Heavy Equipment
Maintenance

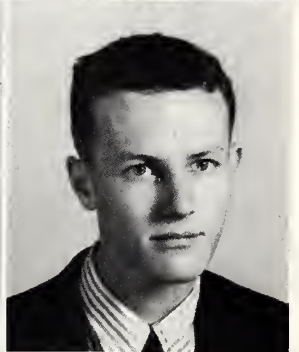
Jerry Eugene Thomas
Automotive Mechanics



Patricia Darlene Tweed
Secretarial

Joyce Tweed
Secretarial

Robert Ulp
Carpentry and Cabinet Making



Charlotte Frances Watt
Secretarial

Mrs. Ollie R. Watts
Secretarial

Harold D. Webb
Machine Shop



Larry Scott Whitaker
Machine Shop

Walter C. Whitaker
Machine Shop

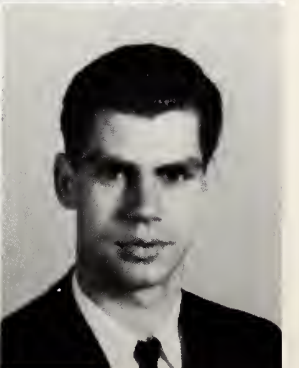
Jerry M. Woody
Automotive Mechanics

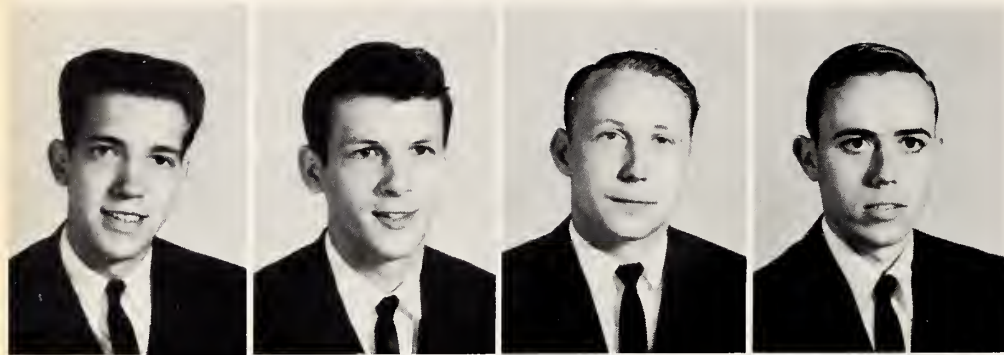


Mrs. Jeanette Worley
Secretarial

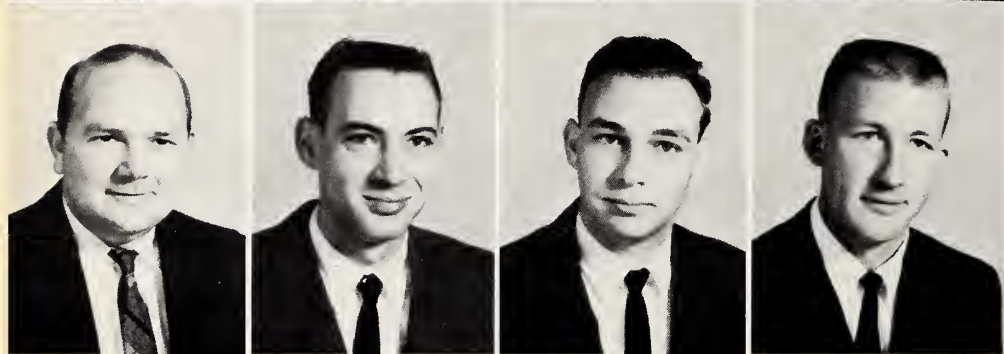
Marvin Eugene Wright
Machine Shop

Daniel J. Zumstein
Tool and Die Making





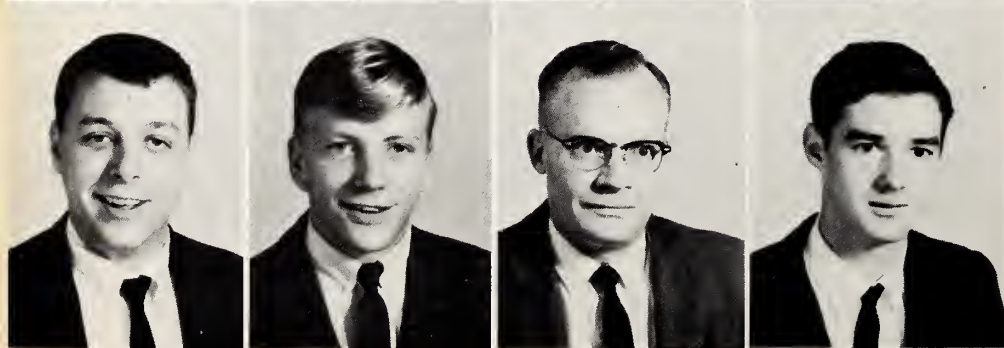
Bernard L. Allen
Machine Shop
Willie Alredge
Radio and Television Servicing
Orval E. Banks
Tool and Die Making
Thomas L. Beddingfield
Machine Shop



Earl J. Black
Machine Shop
Harold E. Bradburn
Automotive Mechanics
James R. Brooks
Machine Shop
Joe B. Buchanan
Automotive Mechanics



Dewey R. Bugg
Automotive Mechanics
Howard G. Burgin
Machine Shop
Danny L. Burleson
Automotive Mechanics
Walter R. Byrd
Air Conditioning and
Refrigeration



William E. J. Clark
Radio and Television Servicing
Gary C. Coffey
Radio and Television Servicing
Ray J. Conner
Tool and Die Making
Larry D. Cook
Automotive Mechanics



James S. Coyle
Air Conditioning and
Refrigeration
Albert Davis
Machine Shop
Joseph L. Davis
Air Conditioning and
Refrigeration
Robert J. Duncan
Tool and Die Making

Marvin K. Gibbons
Machine Shop
Thomas A. Gibson
Machine Shop
Neil W. Greene
Machine Shop
Robert L. Green
Automotive Mechanics



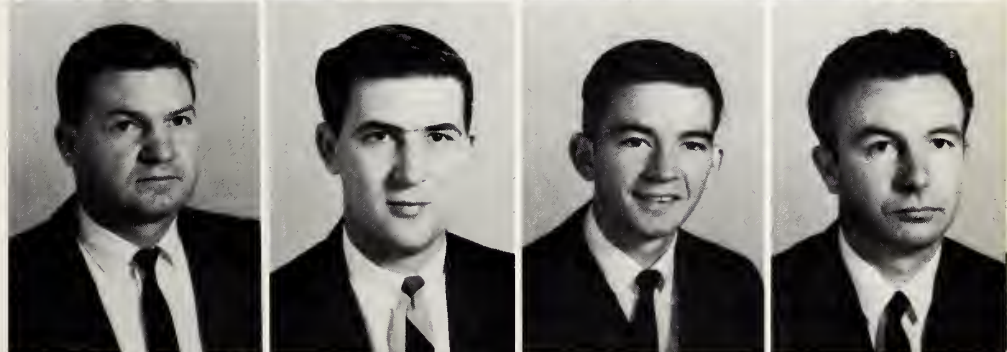
Billy W. Haney
Automotive Mechanics
James C. Hannah
Air Conditioning and
Refrigeration
Thomas D. Harding
Machine Shop
Clifford W. Hare
Air Conditioning and
Refrigeration



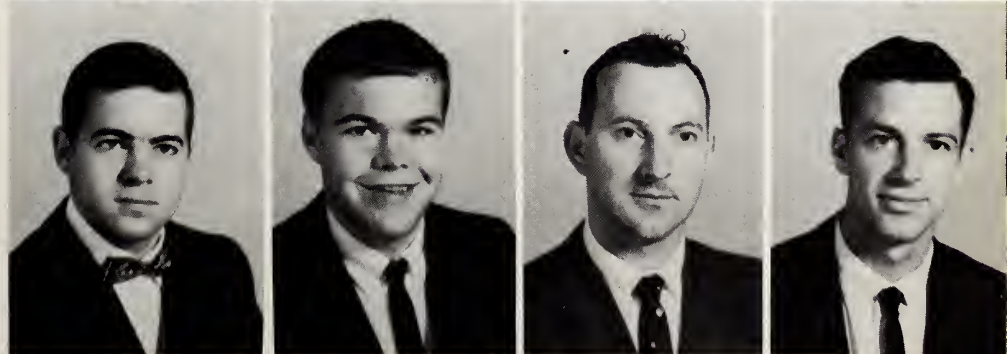
Marvin W. Harper
Welding
Ronald A. Harwood
Automotive Mechanics
Michael G. Herron
Automotive Mechanics
Bishop Holder
Welding



Jesse W. Holloway, Jr.
Radio and Television Servicing
Robinson Hunter
Machine Shop
Horance R. Hunter
Machine Shop
Fred E. Jarrett
Radio and Television Servicing

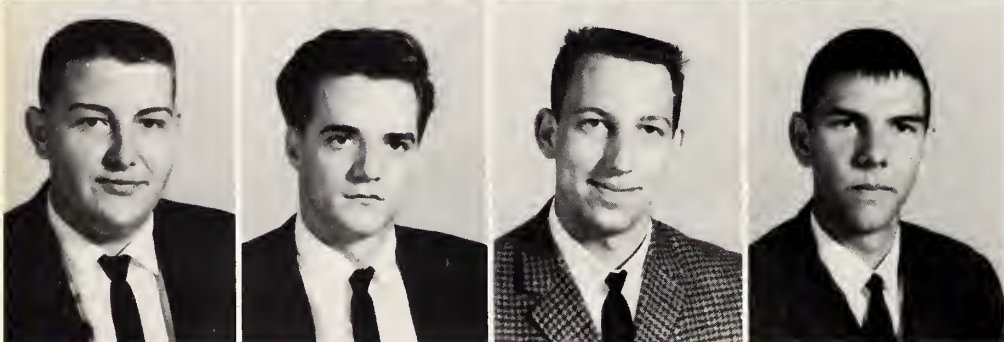


Joseph D. Kuykendall
Machine Shop
James W. Laughrun
Machine Shop
Alvin M. Lunsford
Machine Shop
Clarence F. Mc Clean
Machine Shop

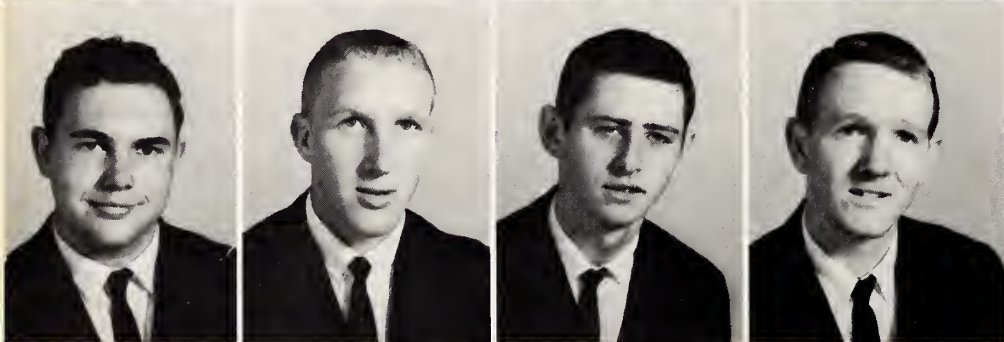




David H. Mc Elroy
Radio and Television Servicing
Joseph R. Mehaffey
Welding
Floyd L. Middleton
Automotive Mechanics
Calvin L. Morgan
Machine Shop



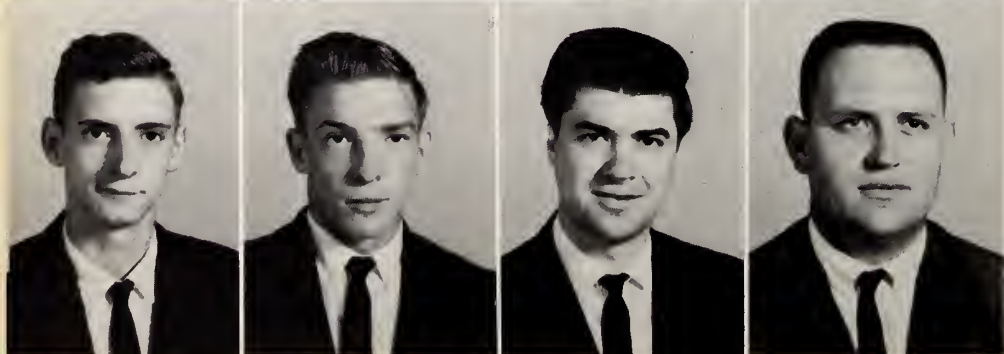
Ralph A. Morris
Automotive Mechanics
Richard V. Muse
Machine Shop
Stanley E. Nelson
Machine Shop
John W. Owensby
Machine Shop



Grady F. Parris
Automotive Mechanics
James D. Pressley
Air Conditioning and
Refrigeration
Leon W. Rayburn
Automotive Mechanics
Lewis K. Redmond
Tool and Die Making

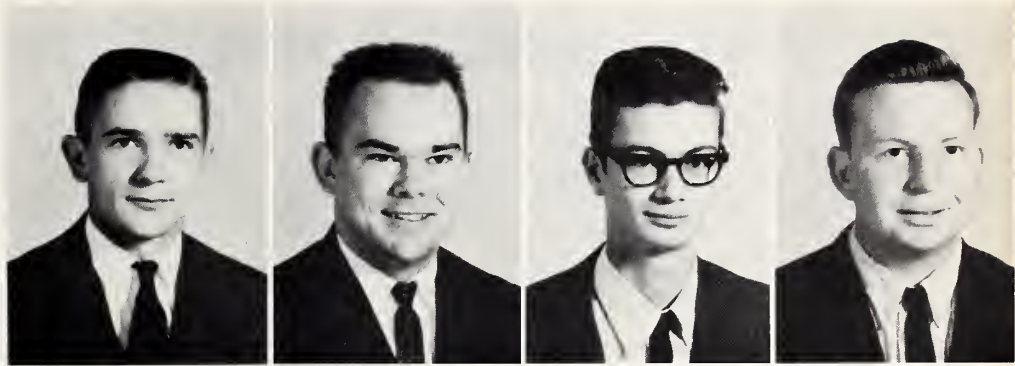


Henry W. Reynolds
Air Conditioning and
Refrigeration
Harry W. Rhoades
Air Conditioning and
Refrigeration
Harlan G. Rice
Welding
Carl L. Roberts
Machine Shop

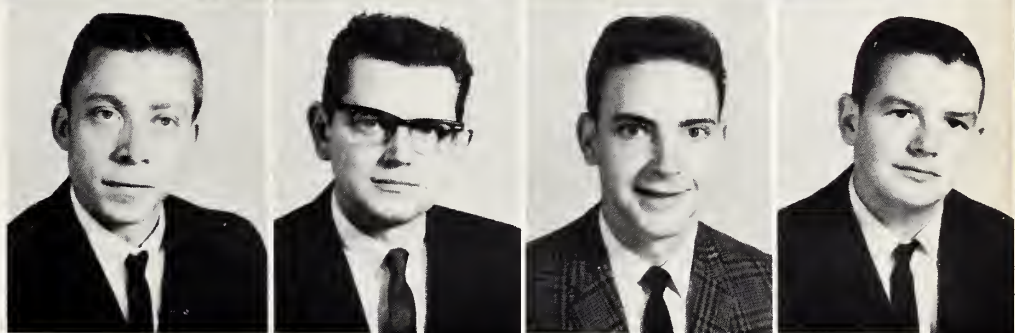


Carl J. Roseborough
Machine Shop
James M. Runyon
Welding
John C. Sandlin
Machine Shop
Charles D. Sanford
Tool and Die Making

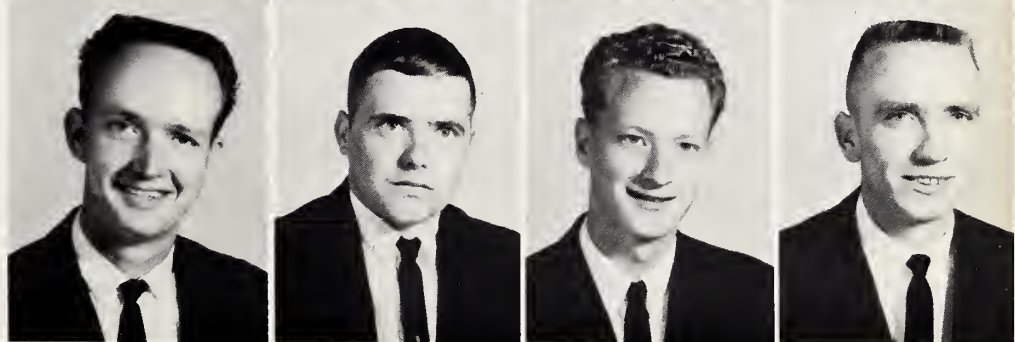
Larry P. Schell
Automotive Mechanics
Clyde E. Sheppard, Jr.
Radio and Television Servicing
James R. Shope
Automotive Mechanics
Thomas C. Sisk
Automotive Mechanics



William D. Sluder
Machine Shop
Charles C. Sluder
Tool and Die Making
Ronald C. Stamey
Machine Shop
John H. Stillwell
Machine Shop



Ronnie L. Taylor
Welding
James D. Thornton
Automotive Mechanics
Danny L. Warren
Machine Shop
Clyde N. Warren
Machine Shop



Leon S. Whitaker
Automotive Mechanics
William Whitted
Machine Shop
David H. Woody
Air Conditioning and
Refrigeration
William H. Young, Jr.
Air Conditioning and
Refrigeration



Swan's feeding scene from
"The Swan Lake".



AIR CONDITIONING AND REFRIGERATION



Reading the pressure.



Installing an inspection panel.

The study of air conditioning and refrigeration provides the knowledge necessary to design, install, and service commercial and domestic air conditioning and refrigeration units. These men have the diversity to become a vital part of this multi-million dollar industry.

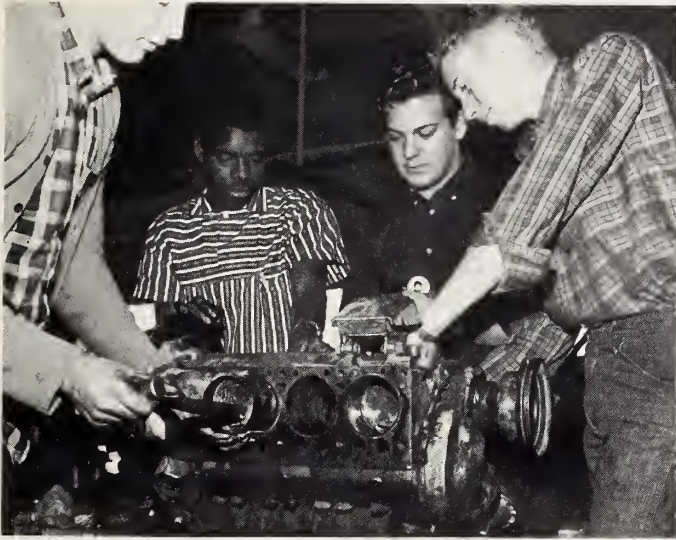
Sealing the compressor.



Shaping sheet metal.



AUTOMOTIVE MECHANICS



Installing new rings.

Today, most of our transportation needs are satisfied by millions of motor vehicles which are powered by either gasoline or diesel combustion engines. We need men who are capable of keeping these fleets on our nations highways. These needs are fulfilled by men who are highly trained to service these engines and their power trains. Such is the Automotive Mechanic.

Back into the car.



Grinding valves.

Assembling the heads.



CARPENTRY AND CABINET MAKING

Measuring the
joysts.



When these men graduate they will be depended upon to build our homes, towns, and communities. We would not be able to admire fine architecture, or attain such a high standard of living without these trained carpenters.



Cutting to length.

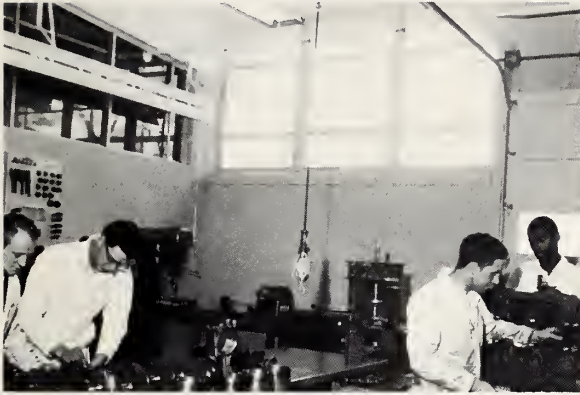


Fastening the corner.

Laying out
the floor.



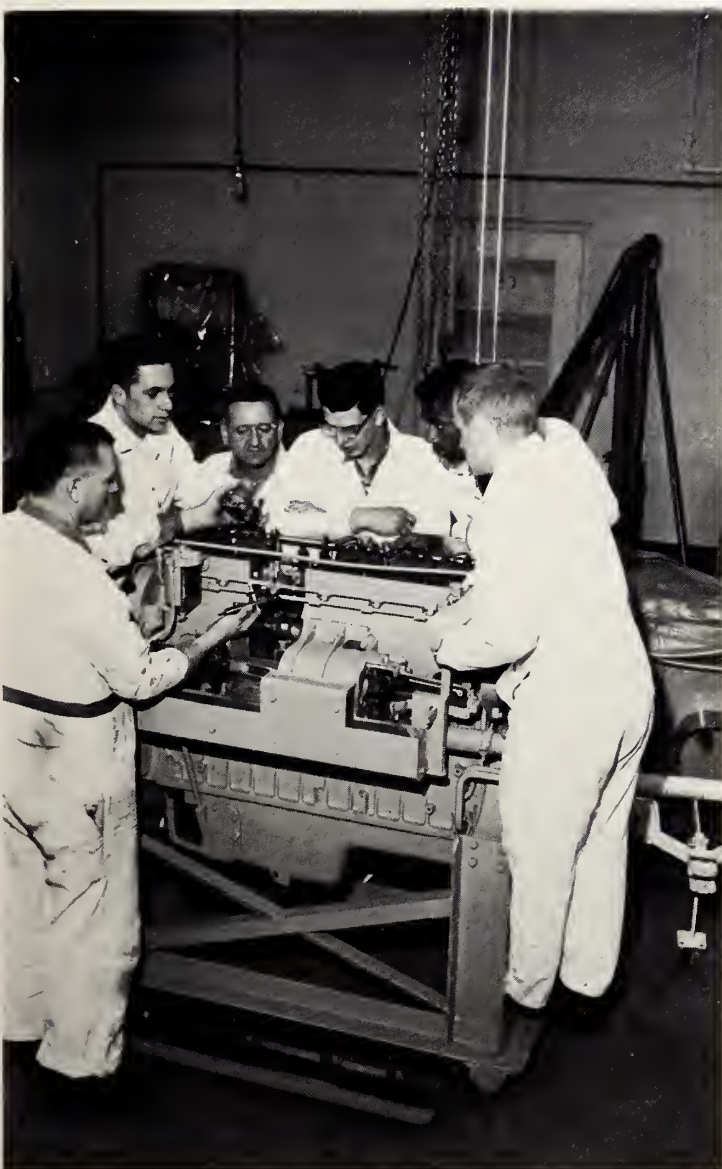
HEAVY EQUIPMENT



Close tolerances are required.
Studying the cut-away model diesel.



". . . then the fuel line goes . . ."



The study of heavy equipment maintenance gives each student a foundation in diesel engine and hydraulic systems and the electrical, steering, fuel, suspension, cooling, and lubricative processes. In order that our homes, towns, and highways can be built, heavy equipment must be kept in operation. This makes the maintenance man a necessity in the booming construction industry.



"We'll have it back together in no time."

MACHINE SHOP



Cincinnati Automatic Lathes

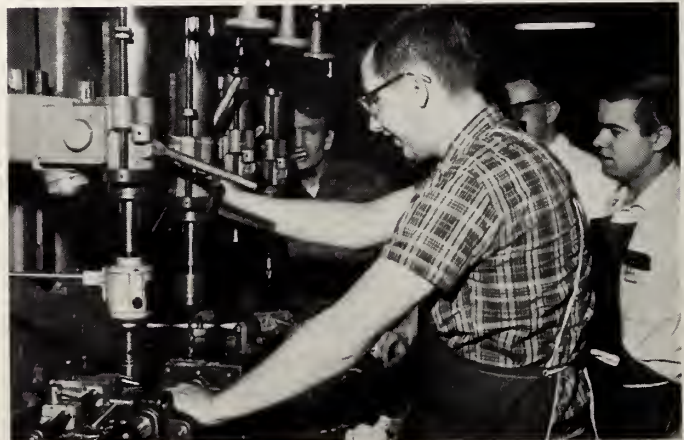
The man who becomes proficient in the handling and maintenance principles of machine tools has the potential to become one of our nations most important assets. The machinists are the men responsible for keeping the production machinery operative.



Close Work

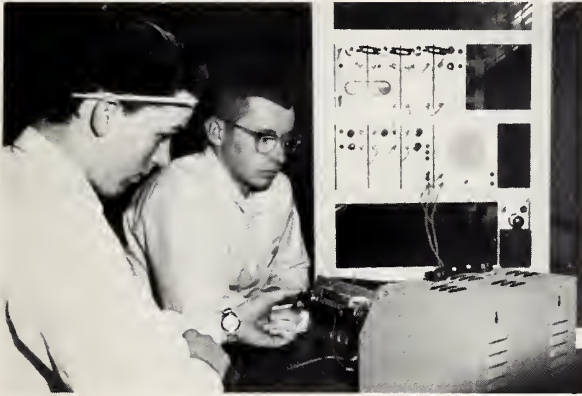


Power Cut-off Saw



Production Drill Press

RADIO AND TELEVISION SERVICING

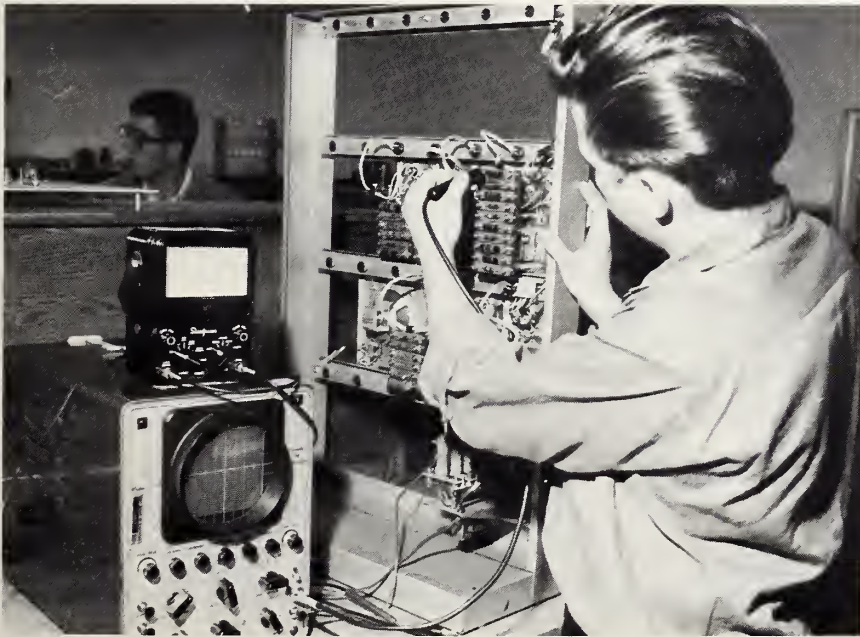


"This thing won't even get WISE"

Building a radio.



Testing a television set.



The radio and television industry has grown into one of the largest of the communication media. The job of the radio and television repairman is to keep the individual radio and television set operating. To do this he must be skilled in intercommunications, television receivers, and radio and television maintenance.



The Voltage Divided Experiment

SECRETARIAL

The modern secretary must have outstanding qualifications. She must have an adaptable personality, competence, and skill in operating the latest office machines. These young ladies receive extensive training in skills which make them much sought after by business and industry.



TOOL AND DIE MAKING

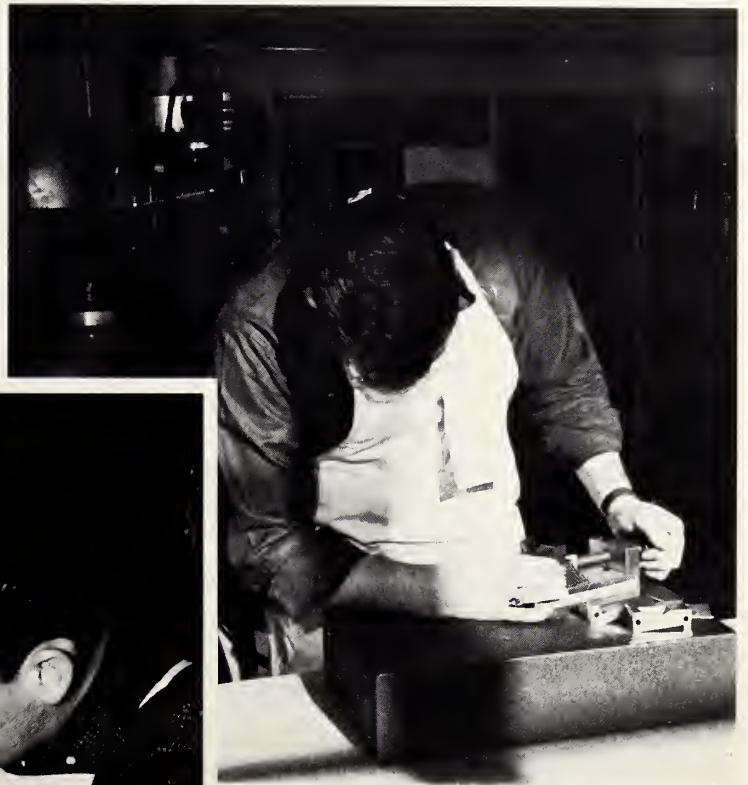


Grinding Carbide Tool.



"Wait until Mr. Awald see's you!"
Grind angle plate.

Measuring with height gage.



The tool and die maker is a man of many responsibilities for it is he they call the "foundation man" of industry. He is the skilled machinist who has the knowledge required for tool and die making, processing of complex jigs, fixture guages, and other machinery pieces vital to industry.

WELDING



Electric Welding



Oxy-acetylene Welding

The curriculum for the welder is designed to give him instruction in the theory and principles of arc-welding, oxy-acetylene welding, and inert gas welding. Upon graduation he may be found either working on the skeletal structure of a large construction job or as an independent self-employed welder.

Overhead Welding



Pipe Welding



school of nursing





Mrs. Mary Angel
Saint Joseph's



Mrs. Georgianne Baker
Saint Joseph's



Miss Joan Barnwell
Memorial Mission



Mrs. Joyce Brackett
Saint Joseph's



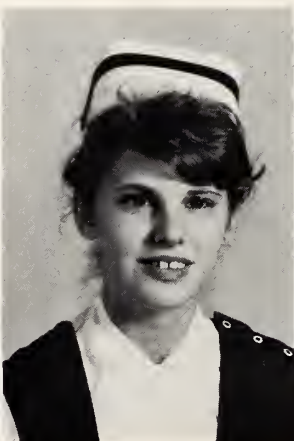
Miss Judith Buckner
Saint Joseph's



Mrs. Frankie Campbell
Saint Joseph's



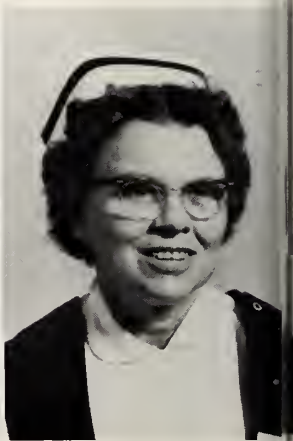
Mrs. Teresa Cohen
Saint Joseph's



Miss Adele Dalton
Saint Joseph's



Miss Mary Davis
Saint Joseph's



Mrs. Ruth Downey
Memorial Mission



Miss Virginia Fester
Saint Joseph's



Miss Arsie Grant
Memorial Mission



Miss Brenda Gregg
Memorial Mission



Miss Mary Hall
Saint Joseph's



Miss Patricia Hicks
Saint Joseph's



Mrs. Barbara James
Memorial Mission



Miss Barbara Johnson
Memorial Mission



Mrs. Doris Nichols
Memorial Mission



Mrs. Evelyn Joyner
Saint Joseph's



Miss Betty Ledbetter
Saint Joseph's



Mrs. Betty Lewis
Saint Joseph's



Miss Carolyn Lewis
Saint Joseph's



Miss Mary Maxwell
Saint Joseph's



Mrs. Elizabeth
Millikan
Saint Joseph's



Miss Frances Moore
Saint Joseph's



Mrs. Carolyn Morman
Memorial Mission



Miss Carole Nickerson
Saint Joseph's



Miss Thelma Perry
Memorial Mission



Mrs. Mary Ann
Pickens
Memorial Mission



Mrs. Geraldine Pike
Saint Joseph's



Mrs. Dorothy Pomfrey
Saint Joseph's



Miss Dallie Searcy
Saint Joseph's



Miss Ann Schmidt
Memorial Mission



Mrs. Virginia
Sharpe
Saint Joseph's



Miss Julia Shuford
Memorial Mission



Miss Martha Stines
Saint Joseph's



Mrs. Mary Smith
Saint Joseph's



Miss Delores Sparacino
Saint Joseph's



Mrs. Velda
Strickland
Saint Joseph's



Mrs. Bertha Swayngim
Saint Joseph's



Miss Frances Taylor
Memorial Mission



Miss Judy Tipton
Saint Joseph's



Mrs. Marian Wardlaw
Memorial Mission



Mrs. Alice Wood
Saint Joseph's

MEMORIAL MISSION DIVISION

Practical experience in the Nursery.



Say "Please".



Administration of oxygen.



SAINT JOSEPH'S DIVISION



The spots on the floor are from giving shots to each other.

The primary objective of the nursing program is to familiarize the student nurse in the appreciations and skills needed to become an effective practical nurse. After one year of classroom work, practical application, and testing, she is capable of entering her career as a helper of the sick.



Doing a Good Turn.



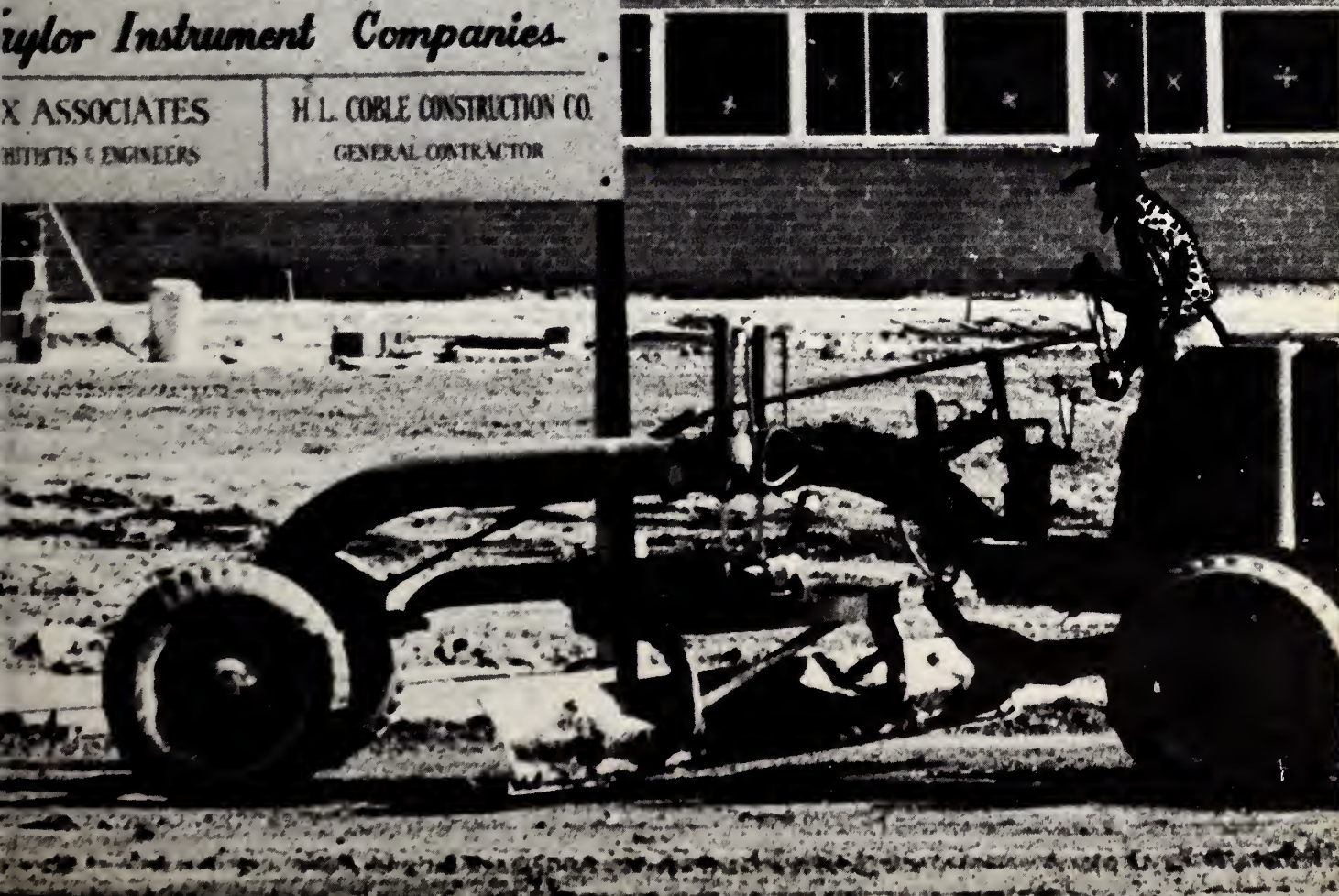
Folding clean linen.

extension services

FUTURE HOME OF
Taylor Instrument Companies

X ASSOCIATES
ARCHITECTS & ENGINEERS

H. L. COBLE CONSTRUCTION CO.
GENERAL CONTRACTOR





Our Newest Little Sister: The Jackson County Unit at Sylva, N. C.



Carpentry in the new unit.



Brick Laying at Sylva



Conference Leadership Class at American Enka.



Through actual practice Enka trains supervisors to appreciate workers' problems.



Data Processing Institute.



Taylor clerks studying card sorter.

The Extension Division of Asheville-Buncombe Technical Institute covers an area of fifteen Western North Carolina counties. Curricula on the trade level are currently offered at the Sylva and Marion, and will soon be available at the Murphy unit. In addition to the full-time trade curriculums many short term courses are offered. An important phase of the extension division consists of training personnel for industries located in the area. The total years enrollment in the extension division is thirty-five hundred trainees.

Taylor employees learning glass blowing.



activities



FALL



Lucky Registrars!

ABTI does not have organized extra-curricular program; however, many student activities took place. In the following pages we will try to relate just a few of the activities to you.

Many students participated in the football games that spontaneously developed beside the "A" building complex, baseball was played on the improbable diamond between the "A" and "B" building complexes, and the World Series was held in the student lounge on the T. V. The secretarial school presented a play. Representatives from large companies displayed their latest products, and there was the Open



Lighted Goalpost, newest advantage to night games, cost well under \$20,000.

Moonshiners beat Revenours (natcherly!) in the big Inter-squad game.



House which over 3000 persons attended. The Chemical Technology department organized a Student Chemical Society on campus.

Although there probably is a real need for organized social and athletic programs, students who wanted to participate in group activities did so.



"Gulp!"



Everybody had a good time at Automotive's picnic.



"Now, Roy, about three feet more to the left."



Cardinals win the 'Series.

OPEN HOUSE



The finer points of Electric Welding.



In the Chemistry Lab; always a good show.

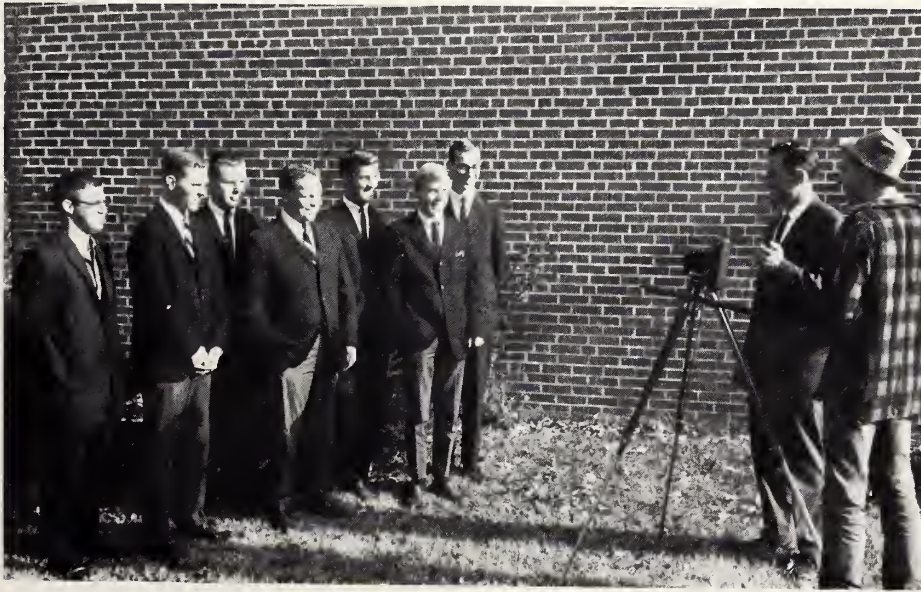


That computer said, "All the way, with L. B. J.!"



FLAG RAISING AND THE YEARBOOK

"Which one of you birds forgot to dig the hole!"



Our Mountaineer rounded-up students and staff, to get their "beauty struck", until ----



---- never underestimate a woman!

CHRISTMAS AT TECH



Cards from everyone, . . .



. . . and a small, but pretty tree.



The Nurses gave a Christmas party . . .



. . . and the Secretarial School staged a play.

JUST RELAXING



"Have you ever seen any prettier 'n 'ese?"



Bribe?



Bull Session



"Gotta date!"

SPRING



Mr. Helmut A. Gebhardt, President of Alliance Tool & Mold Co., selects A.B.T.I. graduates for employment in the new Asheville plant.

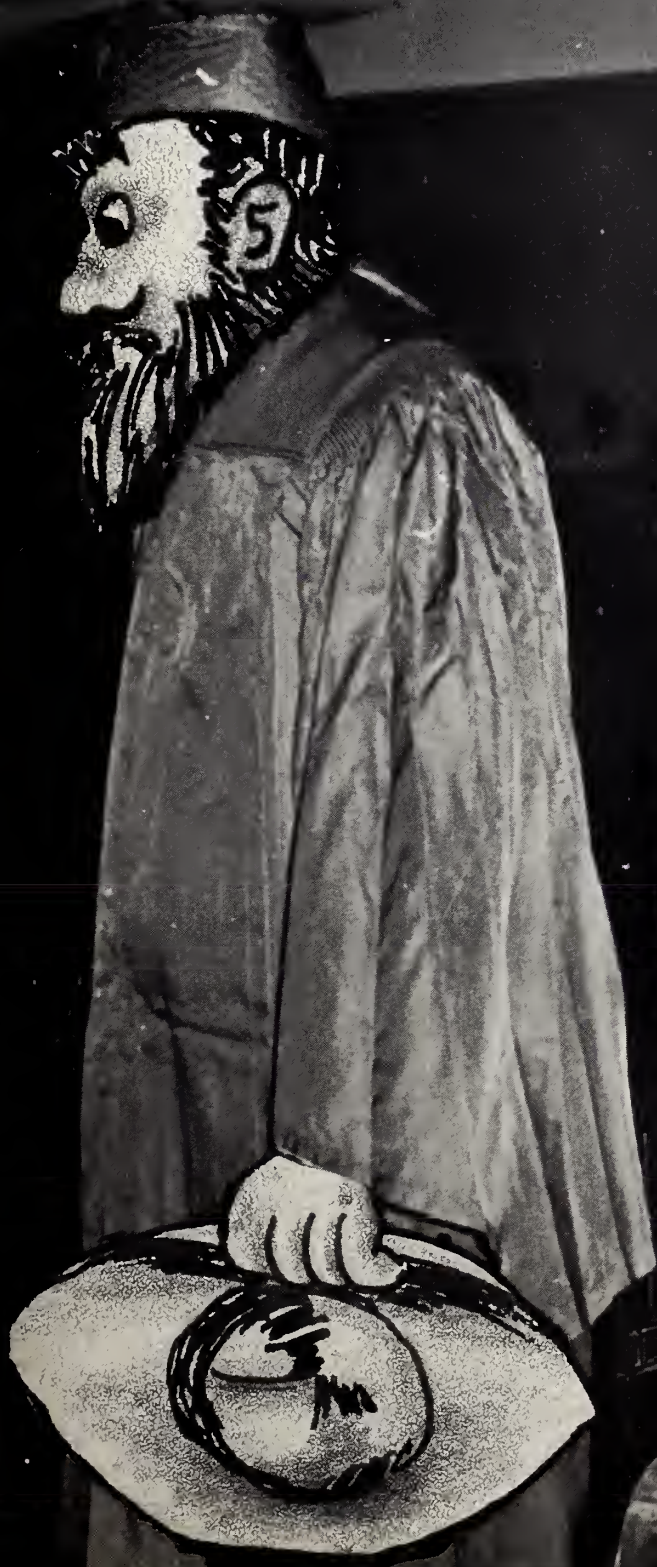


Mr. Bill Mosley of Perkin-Elmer demonstrated a Gas Chromatograph to Chemical Technology students.



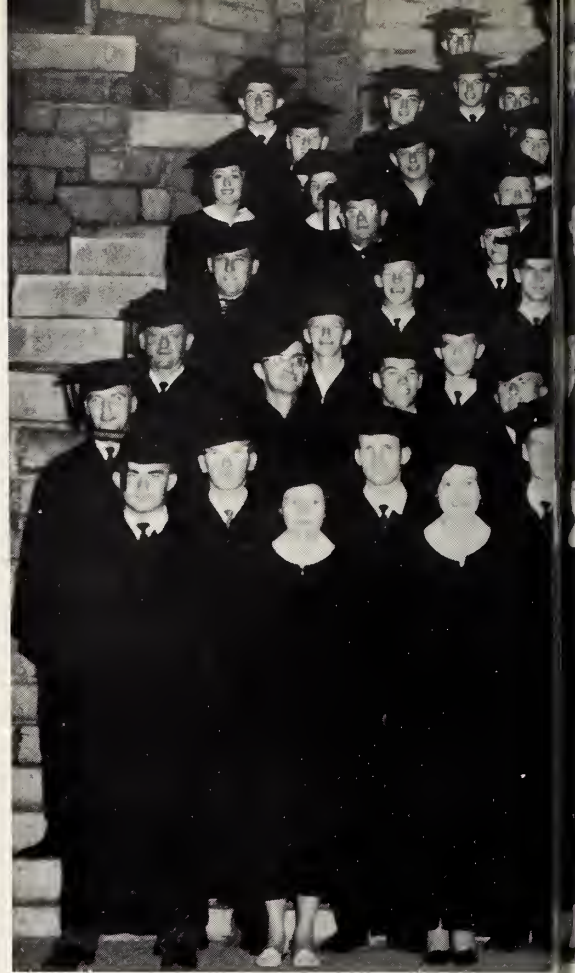
Mechanical Technology Seniors visit Excello Corporation.

graduation





Mr. John Daniel addresses the Graduating Class.



Class of 1964.



Mr. Norris Bell addressed the Secretarial Class of 1964.

At the 1964 graduation Asheville Buncombe Technical Institute had its first opportunity to grant the Associate of Applied Science Degree. Hans Dieter Amos in Electronics Technology was the first person to be awarded this degree.



Secretarial Class of 1964.



Schools of Technology and trades.

Mr. John N. Daniel, Division Manager, Commercial Control Division, of the Square D Company was the Guest Speaker and President Thomas W. Simpson awarded the diplomas.

There were 125 diplomas and 10 degrees presented in the Lee Edwards High School Auditorium before 1,500 persons.

We wish to congratulate these graduates for their achievements and wish them well in their endeavors in the future.



Hans Dieter Ambros, Electronics Technology receiving the first Associate of Applied Science degree.



finis

THE MOUNTAIN TECH.

Editor-in Chief: Don Hill
 Business Manager: Jimmy Vaughn
 Layout Editor: Ronnie Dellinger
 Copy Editors: Steve Mason
 Robert Eldridge
 Photographer: Ralph McIntosh
 Cartoonist: Mr. Robert R. Barnes
 Business Staff: DeWayne Mease,
 Jim Edwards, Bill
 Keith, Jackie Davis,
 Becky Thompson,
 Perry Dillingham
 Mr. J. E. Anderson
 Advisor:
 Publisher's
 Representative: Mr. Frank Arnette







