1964
AGRICOLA

Presented By The Students Of Arkansas Polytechnic College

Volume Number 48
Arkansas Polytechnic College
Russellville, Arkansas
Table Of CONTENTS

Classes, 40

Personalities, 178
John Fitzgerald Kennedy at Greer's Ferry

THE
PRESIDENT
WAS
ASSASSINATED
A day that shocked the nation, the world. An event that should not have happened, but did. John Fitzgerald Kennedy, 35th president of the United States, was assassinated November 22, 1963.

And when he was buried, a flame was lit that will burn forever, a physical thing that is a light unto the world. But it is because of his words, his actions, and his devotion to freedom and justice for all mankind that he will be remembered.

May we now examine some of his ideas, ourselves, and then as he said, "... let us begin..." because life moves on.

This country is moving and it must not stop. It cannot stop. For this is a time for courage and a time of challenge. Neither conformity nor complacency will do. Neither the fanatics nor the faint-hearted are needed. Austin, Texas.

Civilization, it was once said, is a race between education and catastrophe — and we intend to win that race for education. Austin, Texas.

Liberty without learning is in peril — and learning without liberty is in vain. Vanderbilt University.

Let us make clear our willingness to talk, if talk will help, and our readiness to fight, if fight we must. Let us resolve to be the masters, not the victims . . . controlling our own destiny without giving way to blind suspicion and emotion. Let us distinguish between our hopes and illusions. University of Main.

Our problems are manmade — and therefore they can be solved by man. And man can be as big as he wants. No problem of human destiny is beyond human beings. American University.

We in this country, in this generation, are by destiny rather than choice — the watchmen on the walls of world freedom. Dallas, Texas.

Let every nation know, whether it wishes us well or ill, that we shall pay any price, bear any burden, meet any hardship, support any friend, oppose any foe, to assure the survival and the success of liberty.

In the long history of the world, only a few generations have been granted the role of defending freedom in its hour of maximum danger. I do not shrink from this responsibility — I welcome it.

And so my fellow Americans: ask not what your country can do for you — ask what you can do for your country. Washington, D. C.

There will always be dissident voices heard in the land, expressing opposition without alternatives finding fault but never favor, perceiving gloom on every side and seeking influence without responsibility. Dallas, Texas.
Arkansas Tech's "Agricola" is being dedicated to two faculty members with the first being Miss Myrtle Roush, head librarian. She has been associated with Tech since 1927 when she became a student.

A few years later she became a member of the staff and she has helped the library grow from one of 1,300 books to one of more than 38,000 exclusive of government documents which the library keeps as a government depository.

She and her staff have given time unselfishly to many students in order to obtain material for research projects.

For her service to the college, she was also honored this year with the naming of Roush Dormitory for women after her.

Miss Roush, a native of Grant County, holds degrees from the University of Arkansas and George Peabody College.
The other partner in the dedication of the “Agricola” is Truman McEver, chairman of the Division of Science. For the past 39 years he has been associated with Arkansas Polytechnic College — as a student, a teacher, and finally head of the division.

As a Tech teacher, he has contributed much toward the education of numerous students in the fields of science and medicine. His high regard by scientists in Arkansas is evidenced by his election to the presidency of the Arkansas Academy of Science.

This past fall Tech’s new science building was dedicated to him, in honor of his services to the college.

McEver, a native of Russellville, is a graduate of the local high school, Arkansas Tech, Baker University, and the University of Colorado.

Truman McEver
GOVERNOR
ORVAL FAUBUS
BOARD OF TRUSTEES

Gene Waldron
Ozark

J. D. Knight
Scranton

A. Curtis Goldtrap
Ft. Smith
Chairman

J. W. Hull
Russellville

Roy L. Baker, Jr.
Harrison

Randy Talkington
Russellville
President J. W. HULL is Tech's "grand old man." He has guided the school these past thirty-one years as its enrollment has increased five times over its 1932 minimum of 364 and its faculty has more than doubled. Steady progress for the college has marked his tenure of office.
The Assistant Dean, DR. KENNETH WALKER, has vast and far-reaching responsibilities in coordinating various educational programs here at Tech. Outstanding points in his career include having been an instructor at the Air Force Academy and having had thirty-eight articles published in educational and scholastic magazines. Dr. Walker tries to read at least one book a week, and he feels that it is very important for students in their college careers to do extensive reading of the classics.

Dean A. J. CRABAUGH — one-time newspaperman, former Vice-President, chairman of the English Department and instructor in journalism at Tech — is the only dean that Tech has had as a senior college. Since coming to Tech in 1929, he has been a "monument of progress" in his concentration on the improvement of instruction and curriculum. Students will remember him as a counselor in time of scholastic and personal problems. When vacationing from his many responsibilities, he enjoys relaxing in the mountains.
JOHN TUCKER, once a Tech student and coach, is the Director of Student Affairs and professor of chemistry. “Coach Tucker,” as many call him, is known for his great fervor for life, just one of the admirable qualities which endear him to many students.

NELL BRUMMETT, Tech’s Dean of Women and Guidance Counselor, feels that her favorite hobby, “people-watching,” is an invaluable asset in her aid to the A.W.S. Council in making the many rules and regulations which govern the women students on and off campus.

To assist the men students is the main concern of FIRMAN BYNUM, Dean of Men and Housing Supervisor. He meets his many responsibilities with determined progressiveness. Mr. Bynum’s sports enthusiasm dates back to his days as a Tech student and athlete.
B. J. HARTON, formerly Tech's Director of Public Information, is now Registrar and chairman of the Student Aid Committee, which is responsible for scholarships, student loans and employment. A former member of a traveling combo, he still enjoys good music.

HEARTSILL BARTLETT, also a former Tech student, is Manager of the Student Center. He believes that the many job experiences of his youth, even that of selling papers in the lobby of the Hotel Pearson, have helped to prepare him for his present position.

Since MYRTLE BLANCH ROUSH became Tech's Librarian in 1929, the library has expanded from 1,300 volumes to almost 40,000 books. Miss Roush draws upon her personal reading interests to help maintain a well-rounded library of topical reference materials.
By succeeding his father in 1942, ROBERT A. YOUNG has kept the office of Tech's Business Manager in his family going into the fifth decade. Mr. Young is responsible for budgeting the college's finances to meet Tech's incessantly growing needs.

Cafeteria Steward, PAUL FISER, determines dining hall policies. A coach for ten years, he is greatly interested in Tech's athletic program and its young people in general. His athletic interest is second only to his keen eagerness for bird hunting.

DR. BILL BAKER, serving as the Director of Public Service, handles publications and renders information to all prospective Tech students. He is also the chairman of the Wesley Foundation and is the faculty sponsor of the Student Senate here at Tech.
In formulating the many progressive school policies, the administration is constantly looking forward to the future of Tech. However, their task would be virtually impossible without the assistance of their many aides. The librarians with their dime-on-hour smiles: the cafeteria workers with their delicious, home-cooked cuisine; the nurses with their cure-all brown and yellow pills; the house mothers with their lenient, motherly care of the female students; and the business office help with their shaky, room-and-board collecting hands are among these valuable aides.
Susan Gravenmier
Secretary
Student Accounts

Evelyn Pendley
Secretary
Purchasing Office

Joyce Newsom
Secretary
Business Office

Anita Watt
Clerk
Business Office

Betty Jetton
Bookkeeper

Gail Daniel
Bryan Hall

AIDES

Pearl Stuart
Nurse, Infirmary

Rope Torrence
R. N., Infirmary
Since entering Arkansas Tech as a student in 1940, Mr. Watson's loyalty has been here. He feels that this institution has done an outstanding job in helping to develop young people who later take places of leadership in their respective communities. Mr. Watson earned his B.S. degree at the University of Arkansas and his M.S. degree from Oklahoma State University. This is Mr. Watson's eighteenth year as a member of the Agricultural staff, and his fifth year as chairman of his division. Both departments have made recent changes in an effort to improve their respective curriculums. More of these changes are contemplated in the future.

Mr. Watson states that his wife "Has always helped me when I needed help the most. She's been that extra little push that keeps you going when you're about stopped." It is Mr. Watson's conviction "that few people get anything really worth-while in life without expending a great amount of personal effort."

MELVERN WATSON
Chairman of Division

AGRICULTURE AND HOME ECONOMICS

Tim Woods, a former Federation President, demonstrates for a fellow Agri the proper method of feeding the schools prize cattle. Care of livestock is just one type of practical experience that the division affords its majors.
Queen Ann Bellar smiles radiantly as President Hull crowns King Lanny Ashlock at the Arri Day Coronation held in May.

The departments of agriculture and home economics constitute the Division of Agriculture and Home Economics. The curriculum and the course of instruction of the agriculture department are designed to prepare young men for success in agriculture, and to supply a well-balanced educational program based on cultural needs, practical interests, and citizenship responsibilities. Instruction is pragmatic and technical and is divided into laboratory, classroom and field work. Subject matter is revised as conditions, research and experiments justify. The College farm is of special importance to students interested in agriculture. The livestock afford a special opportunity for study of the problems in animal industry.

The home economics department is directed toward helping individuals in all areas of homemaking. The curriculum provided the dual-goal of training homemakers and women for positions where home economics is a major or minor preparation.
Students in the division of Business Administration, such as senior Liles Collard, soon discover that it takes more than ability to type, file, and add a series of figures if one is to become a big business tycoon of the future.

BUSINESS ADMINISTRATION

ROY WEEDIN
Chairman of Division

MR. WEEDIN received his B.S. degree from the University of Arkansas, his M.S. degree from Oklahoma State University and has completed course work and exams for the D.B.A. degree at Indiana University. His principal extracurricular interests and activities center around the professional organizations with which he is affiliated.

There are many fond recollections of memorable events in Mr. Weedin’s life. “Perhaps one experience which stands out above all the rest was the day I followed Mr. Hull around all over the city of Little Rock, including helping him try on a suit at Blass’s men’s store, while we were discussing my initial employment at Tech.”

Since Mr. Weedin came to Tech in 1946, he has seen the Division of Business Administration grow from a small “secretarial-training” operation to a full-fledged academic undertaking which provides the very best of training in four major fields.
The courses of study in the Division of Business Administration are designed to provide professional training for young men and women who seek positions in business or in business teaching. The programs of study seek to provide such training as will enable the student to understand the structure, nature, and functions of the business economy. Managerial, social, and ethical aspects of business operations are stressed throughout the courses.

A major purpose of the business curricula is to provide students with a well-rounded general education designed to enrich their private lives and to equip them better to accept civic and social responsibilities.

The division of Business Administration offers four programs of study to its majors: accounting, business education, general business and secretarial training.

Development of correct typing techniques and drill to develop speed and accuracy are two objectives of beginning typewriting.
Due to a back injury Dr. Rankin was confined to bed during the summer session, but this did not prevent him from teaching.

DR. RANKIN attended Shreiner Institute, Kerrville Texas, received his B.S. and M.A. degrees from Southwest Texas State, and earned his Ed.D. degree from the University of Illinois. During the time that he has been head of the Division of Education, the program has been revised, improved, and accredited by NCATE, the National Council for Accreditation of Teacher Education.

One memorable event in Dr. Rankin's life is the summer that he and his wife spent touring Europe. This trip in 1960 was the product of several years' planning. Commenting on his avocation, Dr. Rankin says, "Some people think that reading is a queer choice for a hobby." In addition to reading, he also enjoys fishing and camping. When naming someone that he admires, Dr. Rankin says, "I admire Adlai Stevenson and his concept of morality in politics." His philosophy is "To always strive to support and contribute to ethical understanding as a basis for human behavior."

EDUCATION

Education students communicate with Dr. Rankin by way of a class to bed set-up.
These girls are checking to see how proficient they are becoming with a bow and arrow.

The Division of Education has as its purpose the task of providing guidance and professional courses for students who plan to teach in public schools. Any student who intends to teach in public schools may enroll in the Division of Education. All students who plan to receive a degree in elementary education or physical education must enroll in this division. Those who elect to prepare for teaching in other fields may enroll in divisions appropriate to their interests in teaching.

In making a decision to enter the teaching profession, students should seriously consider the demands which this choice entails. Among these are scholarship and intellectual curiosity; and interest in children and an understanding of their interests, problems, and development; and an interest in and understanding of the role of the school in American society.

NANCY BAILEY, Instructor
Phy. Education

BILL BAKER, PhD
Assistant Prof.
Phy. Education

ELIZABETH BURGESS, MSE
Assistant Prof.
Education

DON DEMPSEY, ME
Assistant Prof.
Phy. Education

SAM HINDSMEN, MA
Associate Prof.
Phy. Education

LOTTIE McCracken, MSE
Associate Prof.
Education

OREN RANKIN, EdD
Professor
Education

LENA REXINGER, MA
Professor
Elementary Ed.

MARVIN SALMON, MS
Assistant Prof.
Education

RAYMOND SCHARDEIN, EdD
Associate Prof.
Education

JOHN WAINWRIGHT, PhD
Professor
Education

MARGARET WILSON, PhD
Associate Prof.
Phy. Education
Ann Davis and John Busbee listen as Mr. Anderson explains the complexities of a rectangular coordinate axes. Students majoring in math and engineering must learn to work with such systems if they are to master the mathematics required in their profession.

ENGINEERING AND MATH

C. E. PADGETT
Chairman of Division

CLAUD PADGETT, JR., joined the Tech staff in 1954 as head of the Division of Mathematics. Two years ago the division of engineering was moved under his jurisdiction and he is now the Chairman of the Division of Engineering and Mathematics.

Before coming to Tech, Mr. Padgett taught at Texas A & M, Delta State Teachers College, and the University of Missouri. He also has ten years of high school teaching experience. He holds the Bachelor of Science degree from North Texas State Teachers College, and the Master of Arts degree from the University of Missouri, and has done additional graduate work at both the University of Missouri and Texas A & M College.

Among the many professional organizations of which he is a member are the Mathematical Association of America, American Association of University Professors, Arkansas Education Association, and the Arkansas Academy of Science.
The Division of Engineering and Mathematics is composed of the two departments named in the divisional title.

The objectives of the engineering department of Arkansas Tech are to help the student form efficient study methods and orderly mental habits; to train him in the basic and specialized concepts of engineering sciences; and to develop a desire for continued growth as a professional man of high moral standards and ethics.

The objectives of the department of mathematics are to assist the student in the acquisition of important information and work experience, in the cultivation of useful work habits and study skills, in an appreciation of the esthetic values of mathematics and of the role it has had in the growth of our culture, and in the development of effective methods of thinking, salable skills, and certain hard-to-express intangibles represented by fairness of judgment and intellectual honesty.

GEORGE ANDERSON, MA
Instructor
Mathematics

FRANK HERRING, MA
Instructor
Engineering

JOHN HOPPER, MA
Assistant Prof.
Mathematics

MAUDE MOORE, MS
Assistant Prof.
Mathematics

C. E. PADGETT, MA
Professor
Mathematics

C. R. WARNDOF, BS
Assistant Prof.
Engineering

JAMES WILLIS
Instructor
Mathematics

Our future engineers spend many tedious hours over the drawing board in and out of class.

Beginning students of engineering must learn to build with paper before they can transform their plans to reality.
MR. WITHERSPOON, who earned his B.S. and M.S. degrees from the University of Arkansas, believes that "our world is completely dependent upon education for any significant social improvement and that understanding and compassion can come only through education and the resultant mutual respect for our fellow man."

About his division "Chief" expresses this opinion; "We are pleased that we have more art exhibits, more guest recitals and more concerts, more guest artists through our convocations and community concert program, and that generally, the public has more interest and supports such programs better than a few years ago. We must, however, do a better job in conveying to our students and public that our arts, our artistic expression and our creative desires are a part of every man, and that such artistic expression must be cultivated and developed."

FINE ARTS

The Tech Marching Band, a source of pride for the Fine Arts Division, spent many hours of preparation for its performance before the Homecoming crowd.
The Division of Fine Arts included two departments, music and art, both of which offer a four year course of study. The division fosters many cultural activities on the campus which help the student body to gain a deeper insight into the arts.

The music department is recognized as one of Arkansas Tech’s most outstanding departments. It is also acknowledge to have one of the most influential music education programs in the state. The band has continued to be a source of pride to the school and the choirs are gaining in stature under its new direction.

As part of the cultural activities of the Fine Arts Division, the art department sponsors exhibits at various times during the year.

While the student strives to reach professional status as an artist, he is encouraged to employ creativity and self-expression. A good piece of work entails many hours of thought and application of thought.
Mrs. Mobley checks out the working model of a guillotine on the French Club float, as Shelia Cordell and Kay Davis wait regally for the Homecoming parade to get underway.

LANGUAGE AND LITERATURE

SUE DOSS
Chairman of Division

Before coming to Tech, DR. DOSS taught at Arkansas A&M and had a teaching assistantship at the University of Arkansas for three years. Her B.A. degree was earned at the College of the Ozarks and her M.A. and Ph.D. degrees were earned at the University of Arkansas. She is presently in her eighth year on the Tech faculty.

Dr. Doss is listed in Who's Who in Humanities, Who's Who in Education, Who's Who in English, and in Arkansas Lives. She is a member of Phi Beta Kappa. Her philosophy is "The worst is not/ So long as we can say, 'This is the worst.'" — Shakespeare.
The Division of Language and Literature is comprised of four departments—English, foreign language, journalism, and speech. Two majors, both for the Bachelor of Arts, are offered: one in English, the other a divisional major which permits a concentration in French, speech, or journalism.

The Division of Language and Literature provides in reality that formal education which the greatest minds of all times consider the ideal. The Division of Language and Literature, although the smallest in enrollment, lends enthusiasm to and wields the greatest and most productive influence on the student in assisting him toward the realization that there is much to learn, see, and accomplish.

One of the superb theatrical productions presented on the Tech campus was Henry Miller's *Death of a Salesman*.
The Science Division employs several qualified upperclassmen, such as senior Rodney Roe, to act as lab instructors. One duty of the student lab instructor is to aid students in tasks they find difficult to cope with.

In the past two years, the enrollment of the Division of Science has increased sixty percent. As long as he is division head, MR. McEVER will place major emphasis by the staff on excellence in the classroom. Mr. McEver, a former Tech student received his B.S. degree from Baker University and his M.S. degree from Colorado University. Additional study has been completed at the University of Kansas, the University of Colorado, and Brigham Young University.

Tech students, Mr. McEver believes, are better behaved than any group he has seen on a college campus, but even that leaves room for improvement, improvement that could be attained without much added effort. Mr. McEver has “never worried about the courage of our students; that which we call school spirit rises and falls like the ebb of the tide, but like the tide it will always be there.” Mr. McEver continues to admire Senator John L. McClellan in his “relentless efforts to uncover dishonesty and abuse of privilege in public office. He could have been a great scientist in his quest for truth.”
The Division of Science is composed of the departments of biology, chemistry, geology, and physics. The objectives of the division are to acquaint the student thoroughly with fundamental principles and theories which should enable him to understand the application of these principles to physical phenomena and life processes. Through emphasis on experimental procedures and the application of the scientific method of approach, the student has the opportunity of broadening his concepts and extending his competence in his chosen field. The inter-relationships of the fields of science other than the chosen major field are stressed.

The planned program is such as to provide adequate scientific training for students who may elect the study of medicine, pharmacy, dentistry, nursing and medical technology.

Bill Lynch pauses a moment to recall the name of the "beastie" under her microscope.
As head of the Division of Social Studies, DR. MERRILL has chosen to remain at Tech for the past twenty years because he believes in its progress, its administration, its staff, and its students. He believes that, although not perfect, Tech offers more and better opportunities for students and staff than any other institution. Dr. Merrill received the degrees of B.A. and M.A. from the University of Oklahoma and received his Ph.D. from Vanderbilt University.

Golf, fishing, crossword puzzles, and reading Perry Mason's cases are the pleasures of Dr. Merrill's leisure time. In addition to these, his interests will be found in Masonry, Rotary, Boy Scouts, church, and civic activities. Dr. Merrill's philosophy is "Act justly, love mercy, and walk humbly."

As Tech has grown in the quantity and quality of its curriculum, staff, and student body, the Social Studies Division has tried to keep pace.

SOCIAL STUDIES

History papers handed back usually result in an onslaught of questions from dubious students like Rexa Lee Lusk and Larry Eikleberry. "But Mr. Henderson, I could have sworn that Walt Disney discovered America . . ."
Miss Jones attempts to help students find understanding of themselves through psychology.

The Division of Social Studies offers majors in the fields of political science, philosophy, history, psychology, economics, and sociology.

The Division of Social Studies attempts to provide the student with opportunities for a well-rounded group of courses at the advanced level for the student interested in a major. The division provides an analysis of the social, economic, and political systems of today with emphasis upon the impact of the system upon relations, personal and social organizations, and international relations. Another aim of the department is the development of a critical attitude and scientific method of arriving at conclusions. The study and evaluation of systems of philosophy enables the student to arrive at a sound philosophy for himself. The Division of Social Studies has, as another objective, an understanding and appreciation of man's attempts to solve his social, political, and personal problems.