



*inside*  
**TECHNICAL  
HIGH SCHOOL**



## Foreword

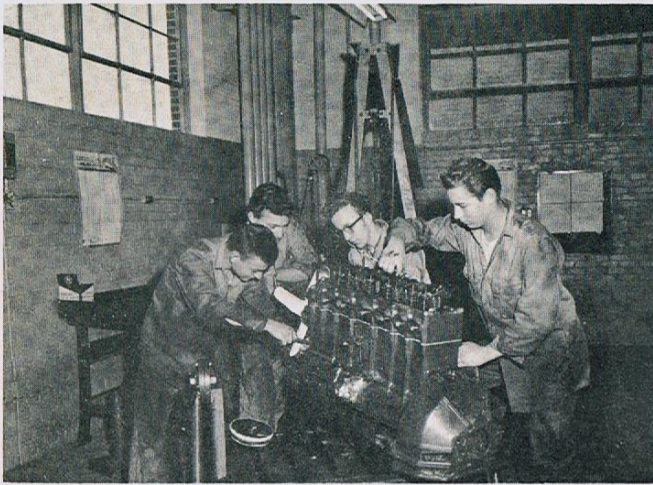
The purpose of this little book is to give a clear and graphic account of the opportunities offered and the class scheduled for those boys and girls of Memphis who wish to terminate their formal education upon high school graduation.

Parents and students who are interested in these courses are welcome to contact the Tech office for further information. It will be open all summer.

Academic class offered, prepare students for college as adequately as do all the other Memphis City High Schools. But since Tech is the only Technical High School in Memphis, it was felt that a book of this type was necessary to familiarize prospective students and interested adults in the offerings our excellent school has available.

W. A. BOURNE,  
Principal





## Auto Shop

The Auto Shop is designed for boys who wish to become mechanics upon graduation. In this shop, every phase of auto repairing is taught. Any person expecting to take Auto Shop should have first year algebra and mechanical drawing before applying. The job possibilities are very good for those boys who complete this course.

## Cosmetology

We are very proud of our Cosmetology department at Tech. The girls who have graduated, are now working in some of the finest salons in Memphis. Once you have completed your training you are prepared to go to work. We help place you in the better shops. If you like hairdressing and want to make it your profession, now is the time to start your training.

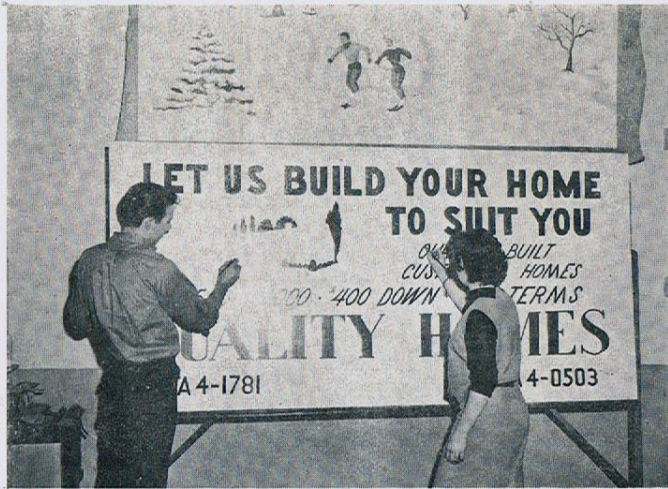


## Distributive Education

Distributive Education is a co-operative training program offered at Memphis Technical High School for high school juniors and seniors who plan a career in the field of distribution. Business establishments cooperate by giving supervised, on the job training. Students work a minimum of 15 hours each week and receive compensation for their work.

D.E. provides the student with a well-rounded practical education in school and on the job.





## Commercial Art

The Commercial Art program is designed to give the student good basic training in drawing, painting, design, lay out and lettering. Techniques and methods the student may expect to meet in advertising and display areas are explored. Projects with this in mind are planned and executed so he may acquire practical experience along those lines.

## Business Machines

This course is designed to develop ability to handle figures rapidly and accurately. The student must have a knowledge of simple arithmetic and possess a high degree of manual dexterity.

The operator uses the machines to add, subtract, multiply, and divide. Computations necessary in business are performed, using machines to calculate or check figures on such records as pay-rolls, invoices, discounts and inventories.

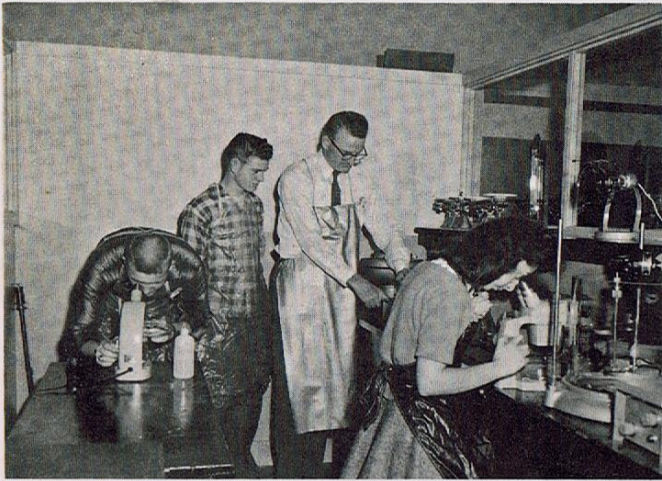


## Office Practice

In Office Practice Classes students get experience in filing and in using the dictaphone and other types of office machines. They also learn to apply for jobs.

The classes visit offices to see the operations and techniques used in actual business. They learn the importance of good grooming and cooperation in working successfully with others.





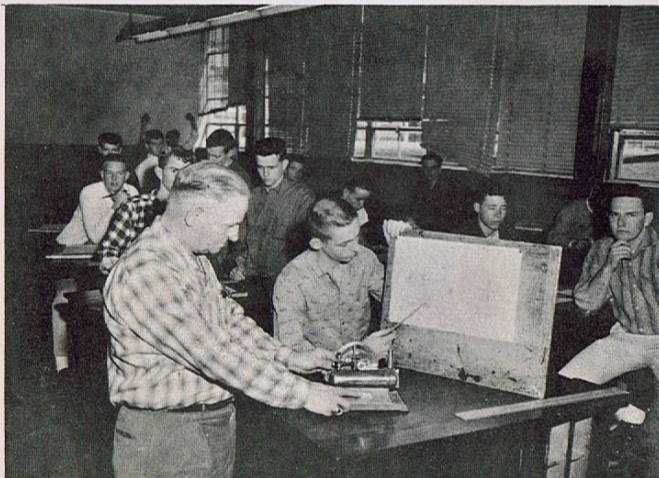
## Industrial Chemistry

The main objective of Tech High's training program in Industrial Chemistry is to provide a pool of prospective employees for chemical plants.

The course is designed to be terminal in nature and will give the boy or girl a working knowledge of industrial chemistry as practiced in Memphis, or will help prepare him for college. Students completing this program should have a distinct advantage over other high school graduates.

## Machine Shop

Our students use the same kinds of tools and equipment as are used in machine shops throughout the country, and learn the fundamentals of the trade while working on a wide variety of projects. Job assignments cover all the basic operations, including blueprint reading and the use of measuring tools. The machinist trade offers many opportunities to those who have patience and appreciation for fine workmanship.



## Mechanical Drawing

Pictured here is one of the advanced students in Mechanical Drawing showing an assembly view of a model steam turbine which he has drawn to scale from the actual object. This we require all advance students to do for it is necessary to have actual experience along with "book projects" before one can become an apprentice draftsman. The student is Chester Voltz our outstanding drawing student for this year.





## Print Shop

Printing at Tech is offered for two years. The basic fundamentals of printing are taught so that a student can get a job in printing when he leaves high school.

Hand composition, machine composition, makeup, lockup, letterpress printing, offset printing, paper cutting are some of the areas covered in this two year course in printing.

Job opportunities and pay are excellent for printers, anywhere in the United States.

## Radio

Tech's Radio and T.V. Dept is a stepping stone to a golden opportunity for those students who are seriously interested in a career in radio, television and electronics and who desire to become "HAM" and commercial operators. An active HAM station is in operation at Tech, adequate equipment is available for all projects in building and layout of all types of basic electronic projects.



## Welding Shop

The Welding Shop offers training in Metallic Arc, Oxy-Acetylene, Inert Gas, and Resistance welding.

Students wishing to enter the field as technicians or engineers will find this basic course a must.

Unlimited opportunities in welding are available to the young man properly trained and willing to work. The Guided Missile, Satellite, and Jet Planes must be fabricated by welding.



## Courses Offered At Tech

ENGLISH—4 years

SPANISH—2 years

**MATHEMATICS:**

Algebra—2 years

Plane Geometry

Solid Geometry

Trigonometry

**SOCIAL STUDIES:**

World History

American History

Problems of Democracy

**SCIENCE:**

Biology

General Chemistry

Industrial Chemistry\*

Physics

**COMMERCIAL:**

Bookkeeping—2 years

Shorthand—2 years

Typing

Office Practice

Office Machines

HOME ECONOMICS—4 years

SPEECH—2 years

**MUSIC:**

Instrumental Music—3 years

Vocal Music—3 years

COMMERCIAL ART—3 years\*

PHYSICAL EDUCATION (Girls)

—1 year

R.O.T.C.—3 years

**VOCATIONAL TRAINING:**

Auto Shop—2 years\*

Machine Shop—2 years\*

Radio & Television Shop—  
2 years\*

Print Shop—2 years\*

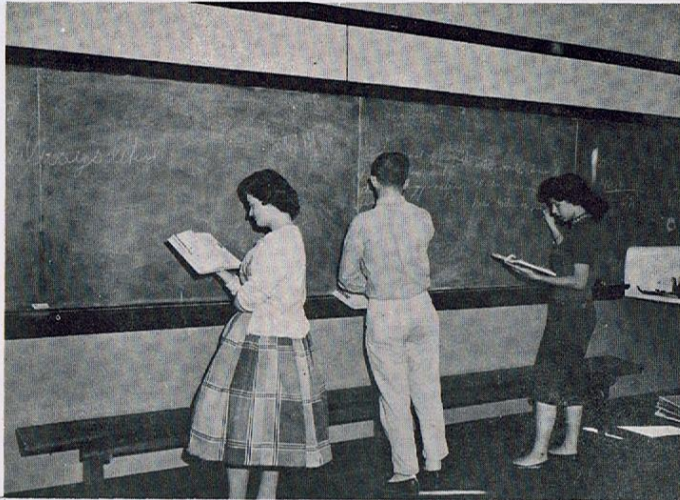
Welding Shop—2 years\*

Cosmetology (Girls only)—  
3 years\*

Mechanical Drawing—2 years

\*These courses earn 2 credits per year.





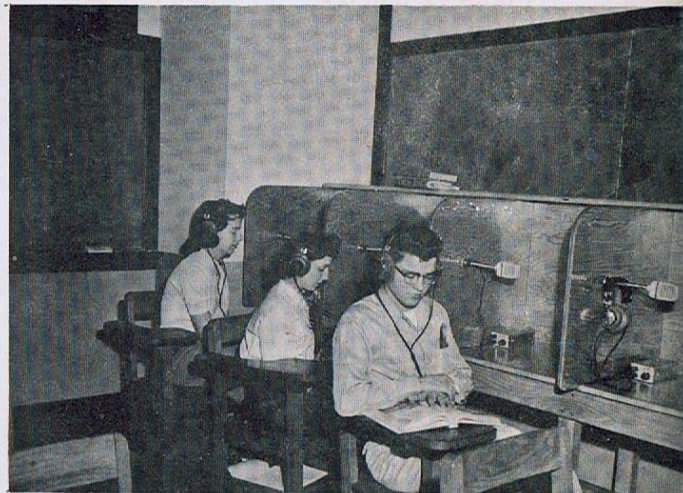
## English

Our English lessons extend beyond our English classrooms. Success or failure in all studies is due to our ability to read, to understand, to speak, and to write. English is just as all-embracing as a business organization. Whether we are making a talk before a group or are at drafting board, desk, machine, or are calling on customers, we are involved more or less in communicating our thoughts to others.

## Spanish

Pictured here is the language laboratory listening post belonging to Tech. This lab aids second-year Spanish students in pronunciation as well as in understanding the spoken word, which is the main purpose of Tech's Modern Language Department.

Two years of Spanish are offered, which is enough to give the student a good foundation in the language.



## Speech

Students in the Speech Department enjoy and benefit from regular voice recordings as a part of their class work. The importance of speech training for all young people today is being increasingly felt, when success in any occupation or in social life depends so largely upon the ability to speak well. A first and a second year course are offered, allowing a total of two credits in this subject.





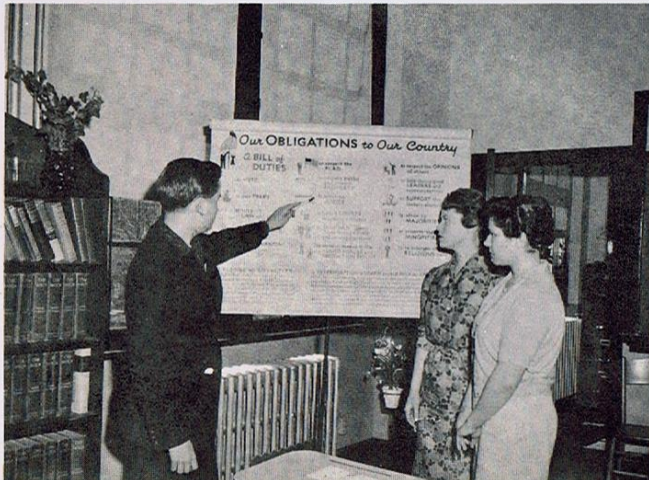
## American History

If America should become the greatest scientific nation in the world and fail to have a deep appreciation of the past achievements of our country and a respect for the individual man, Americans will have lost the American principles of freedom for which our forefathers fought. These principles and a knowledge of and love for the past are learned in American History.

This is a required subject that every student must take.

## World History

World History, an elective subject, deals with man's total time on the earth. The major emphasis is one period of time from 1900 to the present. World History can be grouped with other social studies to obtain a minor or major group.



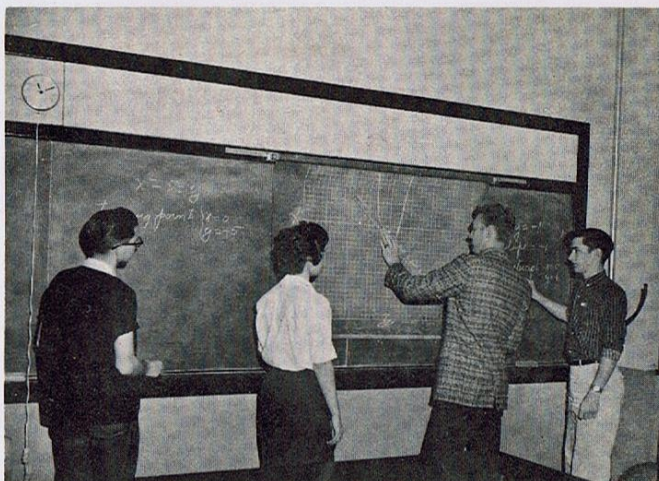
## Problems of Democracy

This is an elective course, designed especially for students who intend to end their formal education upon graduation from high school.

The first semester covers some of the social, economic and political problems every adult American must face.

The second semester covers some of our international problems including world Communism and American foreign policy.





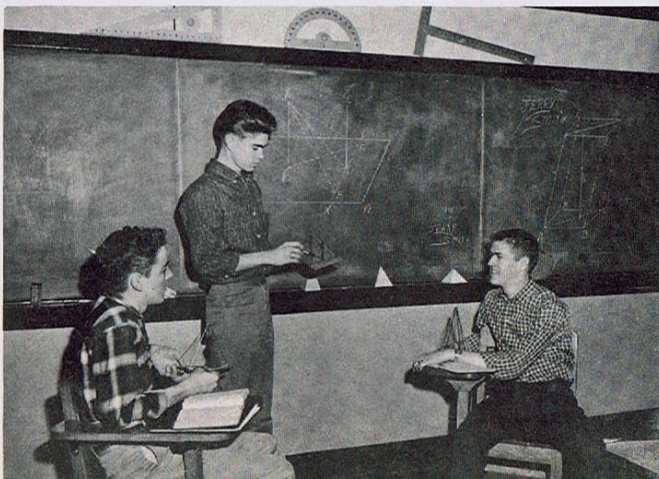
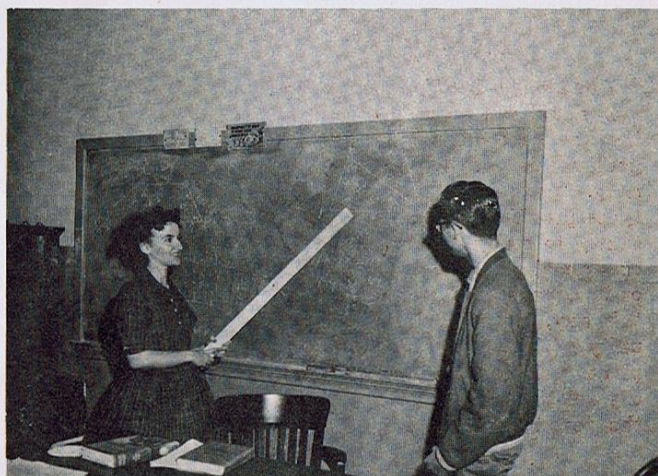
## Algebra

Algebra is an important basic subject—so important that a first year course is required for entrance into technical courses. Second year algebra is recommended by all teachers of these subjects.

Other evidence of its importance is the requirement for entrance into many colleges of two years of algebra and one of geometry.

## Plane Geometry

In plane geometry every problem assigned or taken up in class competition is drawn and fully explained by a member of the class before taking up any new problem. Each person in the class is thus competing with every other person for a grade thus preparing themselves for the competition they will meet later on in life.

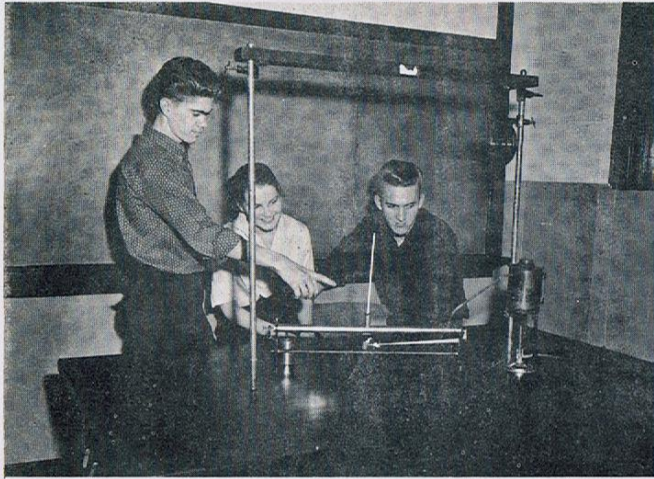


## Solid Geometry

David Hepburn is explaining a basic theorem in Solid Geometry to David Parks and Mike Long.

These boys earned a half credit in Trigonometry in the fall semester and will receive a half credit in Solid Geometry in the spring semester. This will give them the needed four credits in mathematics which is recommended by many Engineering Colleges.





## Physics

At Tech High emphasis is placed on theory and only enough laboratory work to illustrate the essential truth for with ever increasing knowledge in this field of science it becomes difficult to cover the field in time allotted. In the picture we are demonstrating expansion of a rod due to temperature rise.

## Biology

Our biology is offered to sophomores and can be used as one of the science sequences along with general science, physics, and chemistry. Organisms presented as types provide the pupil an opportunity to study a complete plant or animal and the interrelations of its organs and life activities. In this way, the pupil deals with the unity of life. Systematic study of plant and animal groups shows the relationship of living things, the development of life.



## Home Economics

Home Economics opens new and varied opportunities to graduates in high school and college departments, such as teachers, food manager, dieticians, buyers, consultants, etc.

Tech offers four credits and provides study in the areas of food, clothing, home and its furnishings, management, consumer buying, marketing, and child care.

The purpose of homemaking education is to improve home and family living.





## Choir

At Tech we have two choirs: the Glee Club and the A Cappella Choir. The Glee Club consists of the sophomores and the juniors. The more advanced vocal students sing in the A Cappella Choir. Music theory is taught at least once a week and the other days are spent in rehearsing program music. The combined-group this year numbered sixty-five voices. They presented a Christmas Cantata, a minstrel, a talent show, and several programs of music.

## Band

More and more instrumentalists are joining Tech's marching band. Enrolled in the band this year were forty-three musicians, and seven baton-twirling majorettes. This group participated in eight football games and five parades. A new group, The Techettes, composed of thirty dancing and drilling girls, was organized this spring. They will participate in all band functions. The band inaugurated a first chair system this year.



## R.O.T.C.

The objective of the Jr. R.O.-T.C. program is to develop habits of orderliness and precision, to install discipline and thereby respect for constituted authority; to develop patriotism, and to encourage a high sense of personal honor and deportment.

It gives the cadet elementary military training which will be of benefit to him as a citizen and of value to the nation.



# Clubs



Null Adams Chapter of Quill and Scroll is pictured holding its initiation.

National Honor Society

Junior Honor Society

Quill and Scroll,  
International Honorary  
Society for High School  
Journalists

National Thespian Society

Modern Music Masters

Future Home Makers of  
America

Drill Team Club

Journalism

Key

Mathematics

Sportsmen

T. Club (lettermen)

Pep (Through football season)

Hi-Y

Band

Non-Commissioned Officers

Junior Red Cross

Spanish

Athletic

Y-Teens



# Sports

## 1960 Football Schedule

Sept. 9—Greenville, Miss.—There	Oct. 14—Open
Sept. 16—Treadwell—Hodges	Oct. 21—Catholic High—Hodges
Sept. 22—East High—Hodges	Oct. 28—Huntsville, Ala.—There
Sept. 29—Central—Hodges	Nov. 2—Humes High—Hodges
Oct. 7—Frayser—Frayser	Nov. 11—Messick—Crump

Approximately 25 boys are returning after last year's poor season. Many of these have added weight and hopes are that the Yellowjackets will field a heavier and more experienced team in 1960.

Captain for the 1960's team is Richard Boggs, a 190 pound end. Co-captain is Wayne Clearman, a speedster who played blocking back last year, but will probably see some action at tailback this year. Boggs is rated as being a good contender for All-Memphis.

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### **Basketball**

The techmen only won two games the past year. However, many of the boys were young and inexperienced and are expected to improve next season. Among those returning are Marcus Cain 5.9, a guard; Gordon Wilkinson 6.0, a forward; Wayne Schwanke 6.3, center; Jerry Skinner 6.0, forward; Kenny Edwards 5.8, guard.

### **Golf**

Tech is well-represented in golf winning most of its matches. The golfers play a round robin schedule and then go into individual playoffs.

### **Track**

Participation in track includes several practice meets with the season climaxing in the District meet. Those who qualify go to the Region and from there the State meet.

### **Baseball**

A round robin schedule is played. Hopes are that a legion team will be fielded this summer. The Yellowjackets have mostly sophomores and juniors this season and will expect a fine baseball team next year.

Plans are now underway for Tech to participate in wrestling and swimming next year. Tennis and bowling teams are now playing and enjoying a fine season.



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