

1950

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The Langston University  
Bulletin

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Catalogue Edition

1950---1951

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# LANGSTON UNIVERSITY BULLETIN

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1950-1951



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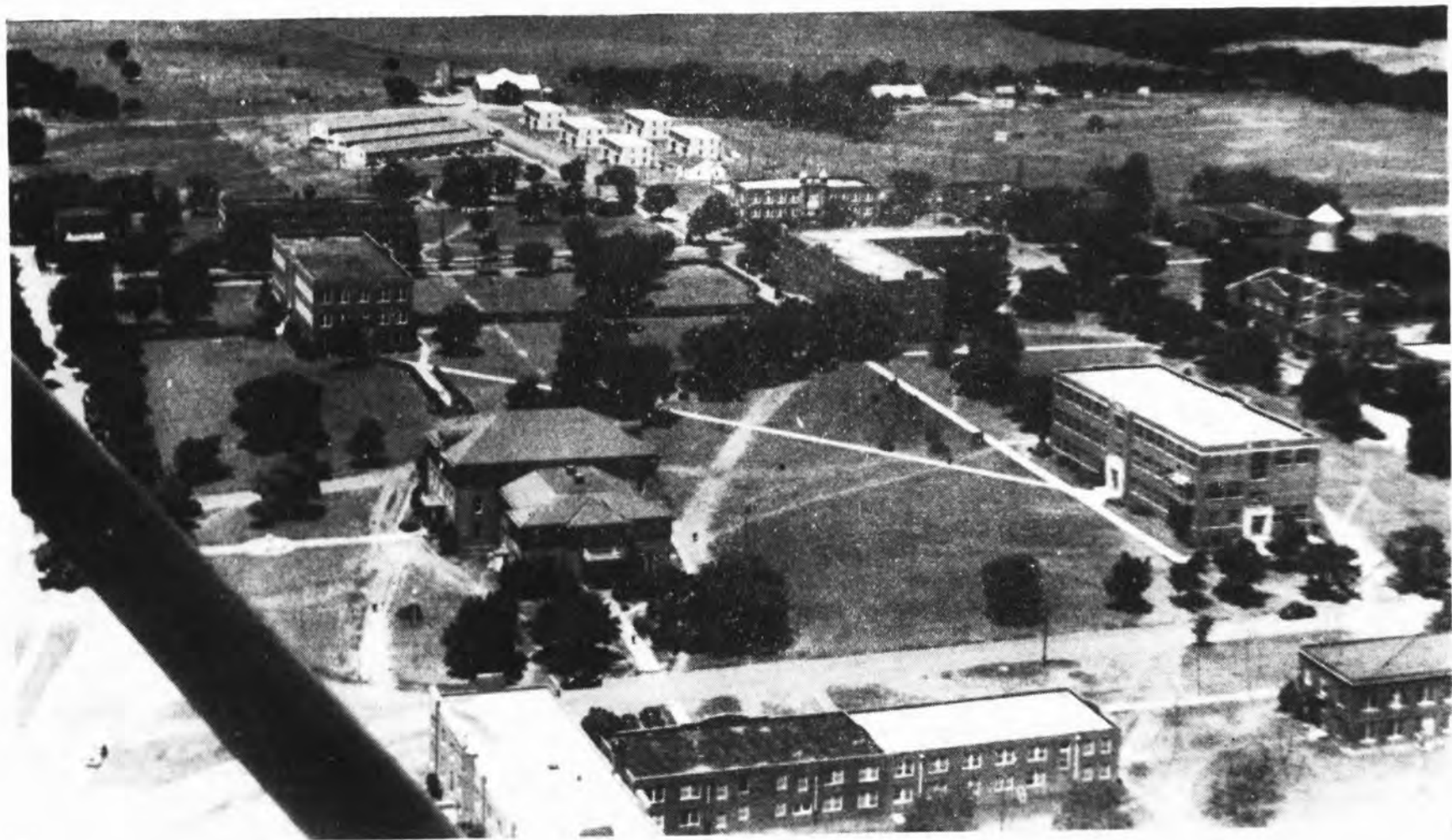
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### HOW TO ADDRESS CORRESPONDENCE

1. Dr. G. L. Harrison, President—On matters of general policy of the institution.
2. Dean of Administration—Veterans affairs, Student employment.
3. Dean of Instruction—The Academic Program of the institution.
4. Registrar—Admissions, Records, Transcripts, Catalogues.
5. Chief Clerk—Accounts and finance.
6. ~~Dean of Law School—Admissions, etc. (State Capitol, Oklahoma City, Oklahoma.)~~





AERIAL VIEW—LANGSTON UNIVERSITY

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### **STANDING OF THE COLLEGE**

Langston University is fully accredited by the North Central Association of Colleges and Secondary Schools; a member of the Association of American Colleges; accredited by the Oklahoma State Board of Education; approved by the U. S. Department of State for the exchange of Foreign students; accredited with the Veterans Administration and operates under a contract which enables veterans to obtain full educational benefits under the "G. I. Bill of Rights."

## SCHOOL CALENDAR

### FIRST SEMESTER

1950-1951

<i>September 5-11</i>	Freshman Week
<i>September 11</i>	Registration of Sophomores, Juniors and Seniors
<i>September 12</i>	Registration of Freshmen
<i>September 13</i>	Classes Begin
<i>September 20</i>	Formal Opening of the University
<i>November 22</i>	Thanksgiving Holidays Begin at 12:00 Noon
<i>November 27</i>	Classroom Work Resumed at 8:00 A. M.
<i>December 21</i>	Christmas Holidays Begin at 5:00 P. M.
<i>January 3</i>	Classroom Work Resumed at 8:00 A. M.
<i>January 22</i>	First Semester Ends

### SECOND SEMESTER

1950-1951

<i>January 23</i>	Registration for Second Semester
<i>January 24</i>	Classes Begin
<i>March 12</i>	Founders Day
<i>March 23</i>	Easter Holidays Begin at 12:00 Noon
<i>March 27</i>	Classroom Work Resumed at 8:00 A. M.
<i>March 27</i>	Baccalaureate Exercises
<i>May 29</i>	Commencement

### SUMMER SESSION

1951

<i>June 4</i>	Registration
<i>June 5</i>	Classes Begin
<i>July 22</i>	Baccalaureate Exercises
<i>July 27</i>	Summer Convocation

### FIRST SEMESTER

1951-1952

<i>September 4-10</i>	Freshman Week
<i>September 10</i>	Registration of Sophomores, Juniors and Seniors
<i>September 11</i>	Registration of Freshmen
<i>September 12</i>	Classes Begin

## ADDENDA

### BOARDING STUDENTS

There has been an increase in room and board which was previously quoted as \$35.00 to \$37.00 per month. A schedule of the increased cost is as follows:

Federal Dormitories—\$39.00 per month for front rooms  
\$38.00 per month for other rooms

State Dormitories —\$38.00 per month for front rooms  
\$37.00 per month for other rooms

Other fees are the same as those listed elsewhere in the catalogue.  
(Changes in food prices may alter cost of food)

### DORMITORY REGULATIONS

Students registering in the dormitories shall be required to remain in the dormitories for the entire semester or summer term unless unusual circumstances cause them to withdraw from school.

### AID FOR THE PHYSICALLY HANDICAPPED

The State Board for Vocational Education, through the Vocational Rehabilitation Division, offers payment of tuition and other services to civilian students who have certain physical handicaps, provided the vocational objective selected by the student has been approved by a representative of the Division. Application for Vocational Rehabilitation should be made to the Vocational Rehabilitation Office, 1141 North Robinson, Oklahoma City, Oklahoma.

### STUDENT LOAN FUND

Mrs. Camelia V. Sanford and her son J. Wilburn Sanford have established a loan fund at Langston University in memory of her husband the late J. W. Sanford, former president of Langston University. The present loan fund is now \$600.00. The fund will be increased.

**OKLAHOMA STATE REGENTS  
FOR HIGHER EDUCATION**

**Officers of the Board**

*Chairman* ..... DIAL CURRIN  
*Vice-Chairman* ..... WILLIAM D. LITTLE  
*Secretary* ..... GUY H. JAMES  
*Assistant Secretary* ..... WHARTON MATHIES

**Members**

CLEE O. DOGGETT ..... FRANK BUTTRAM  
 JOHN ROGERS ..... GUY M. HARRIS

**Office Personnel**

M. A. NASH ..... *Chancellor*  
 T. G. SEXTON ..... *Administrative Assistant*  
 ORA FAUST ..... *Secretary*  
 COLETA NUERNBERGER ..... *Bookkeeper*

**BOARD OF REGENTS**

for the

OKLAHOMA AGRICULTURAL AND MECHANICAL COLLEGES

**Officers of the Board**

*Chairman* ..... FRED DRUMMOND  
*Vice-Chairman* ..... P. E. HARRILL  
*Secretary* ..... ELMER HARBER

**Members**

P. E. HARRILL ..... EARL RUSSELL  
 EDWARD T. DAVIS ..... JOHN PAT CARPENTER  
 O. L. LACKEY ..... HAROLD HUTTON

R. T. STUART

**Personnel**

SAM STONE ..... *Auditor*  
 HELEN SITTEL ..... *Executive Secretary*  
 BETTIE JEAN HOLDCRAFT ..... *Stenographer-Clerk*



## OFFICERS OF ADMINISTRATION

- G. LAMAR HARRISON, Ph. D., President  
 THERESA P. HUGHES, B. S., Secretary to the President  
 R. P. PERRY, Ph. D., Administrative Dean  
 LEROY G. MOORE, M. A., Dean of Instruction  
 C. DEWEY BATCHLOR, M. A., Registrar  
 W. H. MARTIN, Ph. D., Director, Division of Education  
 \*SADIE G. WASHINGTON, M. A., Director, Division of Home Economics  
 E. A. MILLER, M. S., Director, Division of Mechanic Arts  
 S. H. SETTLER, M. S., Director, Division of Agriculture  
 R. B. WELCH, M. S., Acting Business Manager  
 W. E. HEBERT, Financial Secretary  
 ELMYRA R. DAVIS, M. S., Librarian  
 MARY S. B. LEE, M. S., Dean of Women  
 JULIUS H. HUGHES, M. S., Dean of Men  
 STACY C. THOMPSON, M. D., University Physician and Health Director  
 C. FELTON GAYLES, B. S., Director of Athletics and Head Coach

### OFFICERS OF ADMINISTRATION AND INSTRUCTION

(Dates immediately following positions indicate when persons were appointed to the faculty of the University)

#### President

- G. LAMAR HARRISON, A. B., Howard University; B. E., University of Cincinnati; M. A., *ibid.*; Ph. D., Ohio State University.  
 President (1939)

#### Instructional Staff

##### Professors

- ANDERSON, H. EDISON, B. A., Prairie View; M. A., University of Iowa; Residence work for Ph. D. completed, Columbia University.  
 Professor and Head of the Department of Music (1945)
- BATCHLOR, C. DEWEY, B. S., Bishop College; M. A., University of Iowa; Graduate work, Washburn College, University of Colorado.  
 Registrar and Professor of English (1929).
- BELLEGARDE, AUGUSTE DANTES, B. A., Universite d Haiti; M. A., Universite Laval, Quebec, Canada; Ph. D., *ibid.*  
 Professor of Modern Languages (1936).
- BELLEGARDE, IDA ROWLAND, B. A., Omaha; M. A., *ibid.*; Ph. D., Universite Laval, Quebec, Canada.  
 Professor of Social Science (1937).

\* On leave 1950-1951.

- DAVIS, ELMYRA R., B. S., Langston University; M. S., University of Illinois; Further work, Colorado State College of Education. Librarian (1943).
- EDMONDS, EDWIN R., A. B., Morehouse; S. T. B., Ph. D., Boston University. Professor of Social Science (1950)
- GAYLES, C. FELTON, B. S., Morehouse.  
Head Coach and Director of Athletics (1930).
- MARTIN, WILLIAM H., B. S., Wilberforce; B. S. in Education, *ibid.*; M. A., Ohio State University; Ph. D., *ibid.*  
Professor and Director of the Division of Education (1945).
- MASSIE, SAMUEL P., B. S., Arkansas State College; M. S., Fisk University; Ph. D., Iowa State College.  
Professor and Head of the Department of Chemistry (1947).
- MILLER, E. A., B. S., in Industrial Engineering, Pennsylvania State College; M. S., Iowa State College; Graduate work, University of Colorado, Kansas State Teachers College, Wayne University, University of Minnesota.  
Professor and Director of the Division of Mechanic Arts (1927).
- MOORE, LEROY G., B. A., Southwestern College; M. A., University of Kansas; One year graduate study, *ibid.*; Cornell University; Two Summers, University of Chicago.  
Dean of Instruction and Professor of Chemistry (1925).
- MORTON, LENA B., B. A., University of Cincinnati; Diploma in Education; M. A., *ibid.*; Ph. D., Western Reserve University.  
Professor of English (1948).
- NYABONGO, AKIKI K., B. S., Howard University; Advanced Study, Yale University; B. Litt., D. Phil., Oxford University, England  
Professor of Social Science (1949)
- PERRY, R. PATTERSON, B. A., Johnson C. Smith University; M. S., Ph. D., University of Iowa.  
Administrative Dean and Professor of Chemistry (1943).
- PERRY, THELMA D., A. B., LL. B., M. A., Howard University; Advanced Study two years, American University; Summer, University of Kansas; Candidate for Ph. D., University of Chicago.  
Professor of History and Acting Chairman of the Social Science Department (1942)
- \*QUALLS, YOURA, B. A., Fisk University; M. A., Radcliffe College; Candidate for Ph. D., *ibid.*  
Professor of English (1943).
- SETTLER, S. H., B. S., M. S., Kansas State College; Graduate Work, Cornell University.  
Professor and Director of the Division of Agriculture (1943).
- SOUTHALL, MITCHELL B., B. A., Langston University; M. A., M. F. A., Ph. D., University of Iowa.  
Professor and Acting Head of the Department of Music (1949)



TOLSON, MELVIN B., A. B., Lincoln University (Pa.); A. M., Columbia University.

Professor of Creative Literature (1947).

\*WASHINGTON, SADIE G., B. S. in H. E., West Virginia State College; M. A., Columbia University; Further work, Columbia University, University of California, New York University.

Professor and Director of the Division of Home Economics (1937).

#### Associate Professors

ALLEN, MIZURA C., B. A., M. A., University of Iowa; Further work, Wichita University, University of Denver, One year, University of New Mexico.

Associate Professor and Head of the Department of Business Administration (1926).

BREAUX, INMAN A., A. B., Virginia Union University; M. A., New York University; Further work, one semester, *ibid.*

Associate Professor and Head of the Department of Physical Education (1946).

GANDY, LENOULIAH, B. S., Kansas State Teachers College; M. S., Colorado State College of Agriculture.

Associate Professor of Home Economics and Itinerant Teacher Trainer (1930).

GLOVER, ISRAEL E., B. S., Johnson C. Smith University; M. S., University of Michigan; Further work, *ibid.*; University of Rochester.

Associate Professor of Mathematics (1948).

\*HOLLAND, THEODIES H., B. S., A. & T. College; M. S., University of Minnesota; Residence work for Ph. D., completed, *ibid.*

Associate Professor of Agriculture (1942).

JONES, D. C., B. S., Hampton Institute; M. S. Cornell; Candidate for Ph. D., *ibid.*

Associate Professor of Agriculture (1925).

LEE, MARY S. BUFORD, B. S. in Education, Wilberforce; M. A., Colorado State College of Education; Candidate for Ph. D., University of Michigan.

Dean of Women (1945).

#### Assistant Professors

BROWN, EUGENE JESSE, Three years, three summers, University of Kansas; two years Carnegie Institute of Technology; summer, Kansas State Teachers College, University of Colorado, University of Denver; A. B., Oklahoma Catholic College.

Assistant Professor and Head of the Department of Art (1924).

DILLON, NELLE B., Tuskegee Institute; B. S., Prairie View State College; Further study, one summer, University of Southern California; four summers, Colorado State College.

Assistant Professor and Supervisor, Trade and Industrial Education (1938).

\* On leave 1950-1951.

- HARGROVE, S. L., A. B., Clark University; M. S., Kansas State Teachers College.  
Assistant Professor of History (1923).
- HAMILTON, GOMEZ C., A. B., M. S., University of Kansas; Further study, Indiana University, Kansas State College, University of Minnesota.  
Assistant Professor of Biology (1933).
- \*HANCOCK, ALLEN C., B. A., Texas College; M. Ed., University of Colorado; Candidate for Ph. D., *ibid.*  
Assistant Professor of Education (1947)
- HEBERT, A. C., B. S., in E. E., Kansas State College.  
Assistant Professor of Applied Electricity (1937).
- HENDRICKS, G. H., B. S., Prairie View State College; M. S., University of Iowa; Further study, one summer, University of Chicago, Kansas State College; two summers, University of Southern California.  
Assistant Professor and Head of the Department of Mathematics (1931).
- HUGHES, JULIUS H., B. A., Virginia State College; M. A., University of Chicago; Further study, two summers, University of Chicago.  
Assistant Professor of Education and Dean of Men (1945).
- SIMMS, W. E., B. S., Prairie View State College; M. S., Iowa State College; Further study, summer, Iowa State College, University of California.  
Assistant Professor of Agriculture (1931).
- TEMPLE, JEANNETTE, A. B., Washburn University; M. A., Northwestern University; Further study, University of Minnesota, Emerson College, University of Kansas.  
Assistant Professor of English (1947).
- WASHINGTON, E. M., B. A., M. A., University of Iowa; Further study, University of Iowa, Cornell University.  
Assistant Professor of Home Economics (1941).

### Instructors

- ANDERSON, EDISON.  
Instructor of Carpentry (1939).
- BANNER, CAROLYN, B. S., Langston University; M. S., University of Minnesota.  
Instructor of Education (Training School) (1940).
- BENNETT, CLARA M., B. S., Langston University; Further study, one year, University of Iowa.  
Instructor of Home Economics (Nursery School) (1944).
- ARTERBERRY, THELMA J., Diploma, Poro College; Instructor's License, Langston University; B. S., *ibid.*; Further study, University of Southern California.  
Instructor of Cosmetology (1940).

\* On leave 1950-1951.

- \*BOND, JAMES A., JR., B. S., Johnson C. Smith University; M. A., University of Kansas; Further study, University of Chicago.  
Instructor of Biology (1946).
- BROWN, SHIRLEY E., B. A., Langston University; M. A. University of Illinois  
Instructor of Social Science (1949)
- BURWELL, JO ELLEN, B. S., Lincoln University (Mo.); M. A., Columbia University.  
Instructor of Education (1949)
- CODE, S. G., Diploma, Kansas Vocational School.  
Instructor of Tailoring (1925).
- DAVIS, LAWRENCE T., B. S., Langston University; Further study, University of Wichita, Colorado State College of Education.  
Instructor of Music (1948).
- DEARRING, EDGAR M., B. S., Indiana University; M. S., *ibid.*  
Instructor of Education (1949)
- DILLON, MOZEAL A., B. S., Langston University; Further work Architectural Engineering, University of Nebraska.  
Instructor of Mechanic Arts (1946).
- DIXON, ALVIN A., Instructor of Brick Masonry (1947).
- FELDER, O. P., A. B., B. D., Virginia Union University; Further Study, three summers, Hampton Institute; One summer, University of Chicago.  
Instructor of Social Sciences and Director of Religious Activities (1944).
- GILYARD, ODELL, B. S. A., Langston University; Further work, Iowa State College.  
Instructor of Auto Mechanics (1937).
- GLOVER, GLORIA H., B. A., Fisk University; Further Study, Oklahoma A. & M. College.  
Instructor of Foreign Languages (1949)
- GORDON, ELIZABETH W., A. B., Talledega College; A. M., Ohio State University; Advanced Study, *ibid.*  
Instructor of English (1939).
- HANCOCK, JEWELL H., B. A., Texas College; M. Ed., University of Colorado.  
Instructor of Education (1948).
- HARKINS, CLARENCE, B. S., Langston University.  
Instructor of Tailoring (1947).
- HARRISON, SYBIL, B. A., Langston University; Further work, Oklahoma A. & M. College.  
Instructor of Social Science (1950).
- \*JONES, LUCILLE W., B. S., Langston University; M. A., Columbia University; Further work, University of Denver.  
Instructor of English (1947).

\* On leave 1950-1951.

- JONES, MARY MOORE, B. S. in Education, University of Akron; M. A., Columbia University.  
Instructor of Piano (1947).
- \*JONES, WOODROW M., B. S., Langston University; M. A., Columbia University; Further work, University of Denver.  
Instructor of Biology (1948).
- JORDAN, A. I.  
Instructor of Shoemaking (1950).
- JORDAN, OLIVIA H., A. B., Langston University; M. S. W., Atlanta University; Further study, Northwestern University.  
Instructor of Mathematics (1948).
- LAMPTON, JOHN, B. S., Langston University; B. A., Catholic College of Oklahoma; Further work, four summers, University of Chicago.  
Instructor of English (1937).
- LEE, ELNORA K., B. S., Langston University.  
Instructor of Commercial Cookery (1945).
- LEWIS, ALONZO, B. S., Langston University; Further study, one summer, University of Iowa; two summers; Northwestern University; M.M.E., American Conservatory of Music.  
Instructor of Music (1938).
- MOORE, THERESIA B., B. S., Langston University; M. S., Kansas State Teachers College; Further study, two summers, University of Colorado.  
Instructor of Education (1944).
- PARKER, ALMEDA C., B. S., Langston University; M. S., University of Southern California; Further study, one summer, University of Denver, Colorado State College of Education.  
Instructor of Business Administration and Commerce (1943)
- PARKER, TOLLESE B., B. S., Tuskegee Institute; M. S., Columbia University.  
Instructor of Food and Nutrition (1949)
- PENMAN, CLEOLA B., B. S., Langston University; Further study, Loyola University (Chicago).  
Instructor of Commerce (1945).
- PETTUS, JAMES W., B. A., Langston University; M. S., University of Illinois.  
Instructor of Mathematics (1947)
- PYLE, ALPHONZO S., B. S., in Industrial Arts, Langston University; Further work, University of Southern California, University of Denver.  
Instructor of Industrial Arts and Assistant Coach (1945).
- PYLE, MALINDA YORK, A. B., Langston University; Further study, University of Southern California, University of Denver.  
Instructor of Art (1946).
- SEIBLES, THOMAS, B. A., Fisk University.  
Instructor of Physical Science (1949).

\* On leave 1950-1951.

- STEPHENS, LOUISE C., A. B., Langston University; M. A., Northwestern University.  
Instructor of Education (Training School) (1946).
- STEARNS, HOLLIS D., B. S., Langston University; M. S., University of Illinois; Further work, *ibid.*  
Instructor of Agriculture (1949)
- TAYLOR, AMELIA ROBINSON, A. B., Langston University; M. M. E., University of Kansas; Further study, University of Southern California.  
Instructor of Music (1945).
- WELCH, CONSTANCE D., B. S., West Virginia State College; Further study, summer, University of Minnesota, University of New Mexico.  
Instructor of Physical Education (1937).
- WHITE, JIMMIE L., B. S., Arkansas State College; M. S., Michigan State College, One and one-half years advanced study, *ibid.*  
Instructor of Agriculture (1949)

#### Other Officers of Administration and Employees

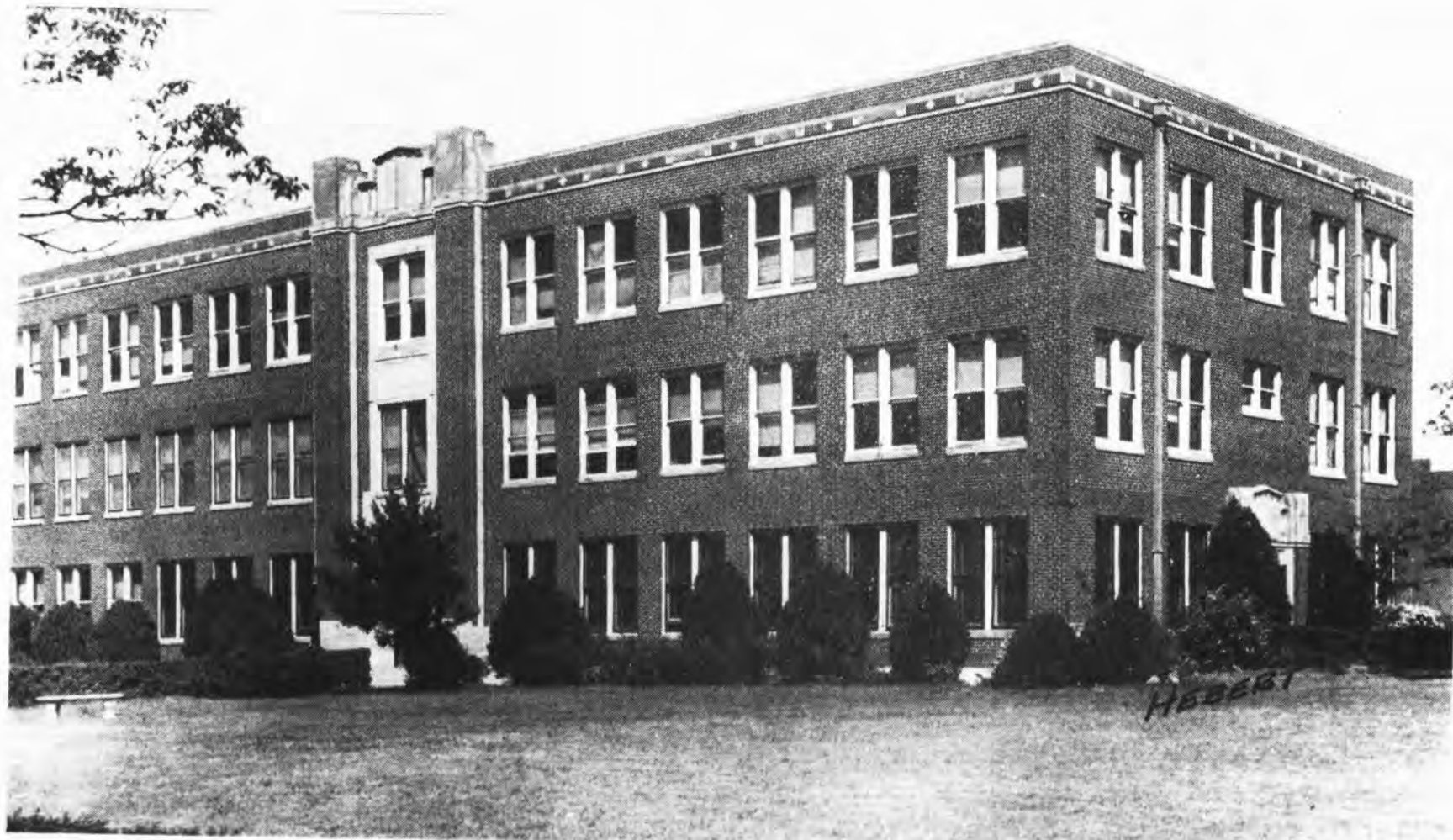
- ANDERSON, ARTHUR.  
Assistant Laundry Helper.
- ANDERSON, R. A.  
Painter, Department of Maintenance.
- ARMSTRONG, *Joe*.  
Plumber, Department of Maintenance.
- BECK, LESLIE.  
Superintendent of Buildings and Utilities (1937).
- BELL, OPAL MAE, B. S., Langston University.  
Claim Clerk, Finance Office (1945).
- BROOKS, MARY.  
Assistant, Dining Hall.
- BROWNLOW, OCTAVIA McNEIL, B. S., Langston University.  
Assistant Registrar (1945).
- BUFFORD, P. B.  
Custodian (1948).
- BUNN, ESTHER STEPHENS, R. N., Freedmens Hospital; Further study, Langston University, University of Minnesota.  
Assistant Nurse (1944).
- CALLAHAN, LOLETTA FINLEY, Diploma, Los Angeles Business College.  
Secretary, Registrar's Office (1944).
- CAMPBELL, A. C.  
Farm Utilities.
- CAMPBELL, HOSEA.  
Plumbing and Steamfitting.



- \*CARTER, SAM.  
Pump Operator.
- CHANDLER, MILDRED L.  
Assistant Librarian (1949)
- COOPER, GEORGE.  
Custodian (1946).
- DAVIDSON, ARCHYE RUTH, B. S., Langston University.  
Secretary, Department of Trades and Industrial Education (1948).
- DILLON, LORRAINE W., B. A., Langston University.  
Clerk, Registrar's Office (1950).
- FRANKLIN, FREDDIE.  
Grounds.
- GOODLOW, ETHEL W.  
Supervisor, University Laundry.
- GRAY, M.  
Grounds.
- GRISSOM, TEDIE O., B. S., Langston University; Further study, Atlanta  
University; Oklahoma A. & M. College.  
Matron (1949).
- GUDE, JIMMIE DALTON, B. A., Oklahoma Catholic College.  
Clerk, Finance Office (1946).
- HALL, E. D.  
Custodian.
- HARRIS, E.  
Laundry Helper.
- HARRIS, J. M.  
Receiving Clerk (1929).
- HEBERT, BARBARA J., B. A., Langston University.  
Postmistress (1949).
- HEBERT, W. E.  
Chief Clerk (1931).
- HUGHES, THERESA PALMER, B. S., Hampton Institute.  
Secretary to the President (1943).
- JACKSON, NOLLIE A., B. A., Prairie View A. & M. College; B. L. S., Atlanta  
University.  
Assistant Librarian (1949).
- JACKSON, W. M.  
Plumbing.
- JENKINS, ROSA L., B. S., Tillotson College.  
Matron (1949).

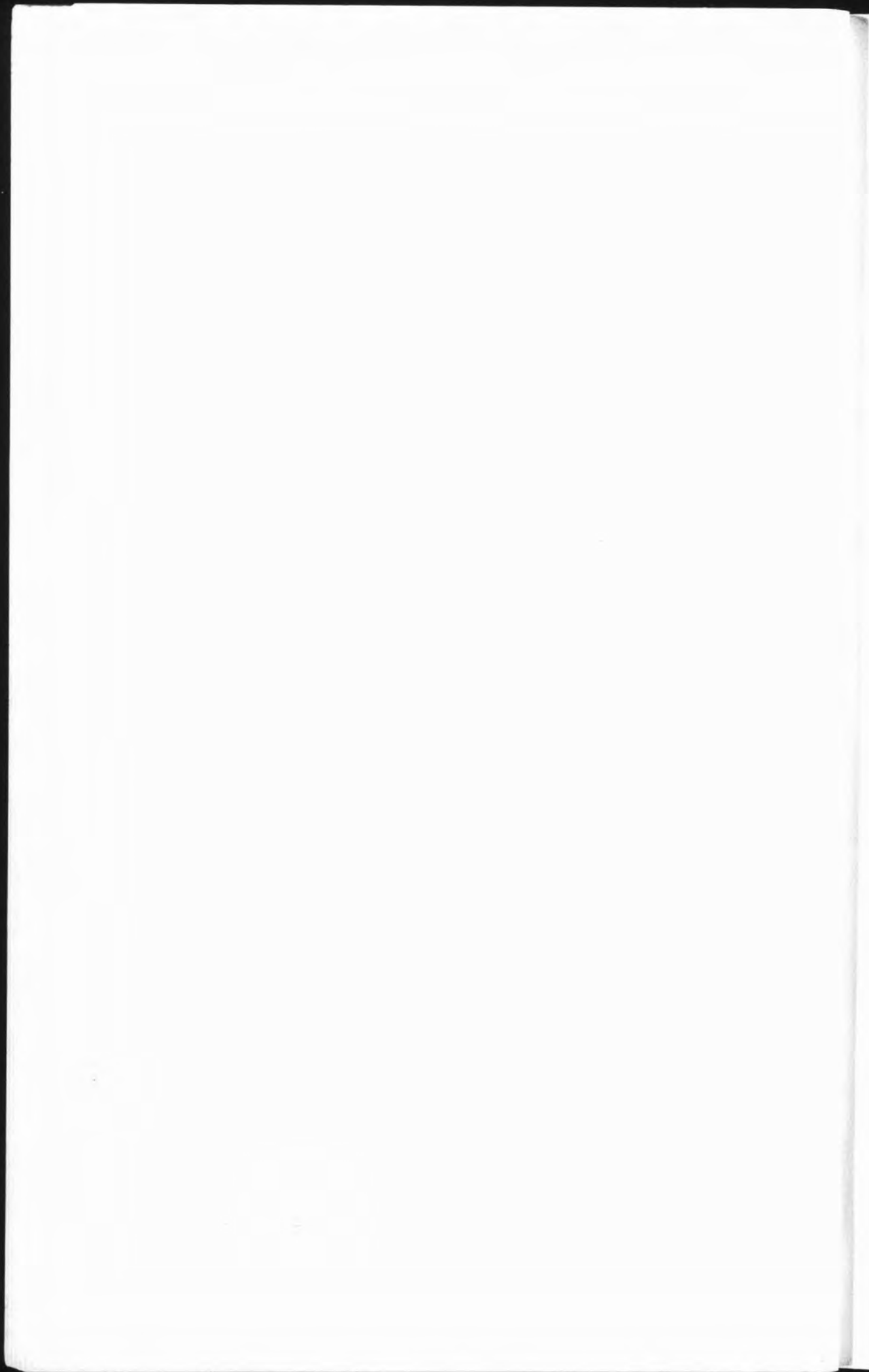
\* Part year 1949-50.

- JORDAN, GEORGE W., B. A., Morehouse.  
Instructor of Social Science and Clerk, Finance Office (1946).
- JONES, A. B., R. N., Provident Hospital.  
Nurse, University Health Service (1939).
- JORDAN, RUBY V., B. S., Langston University.  
Secretary, University Library (1947).
- KIRK, ANN BROWN, B. S., Langston University.  
Nursery School (1948).
- KIRK, MARJORIE W., B. S., Langston University.  
Secretary, Dean of Instruction (1946).
- MALOY, EDITH S., B. S., Langston University.  
Secretary, Division of Agriculture (1944).
- MARTIN, GLADYS D., B. S., Philander Smith; Further work, Ohio State University.  
Secretary to the Administrative Dean (1946).
- MATTHEWS, MARION E., B. A., Prairie View A. & M. College; B. L. S., Atlanta University.  
Assistant Librarian (1949).
- MOSS, E. H.  
Utilities and repairs.
- NASH, BERNICE B., B. S., Langston University  
Assistant Librarian (1949).
- NELSON, JAMES.  
Night Watchman.
- PIKE, F. DE LISLE, F. Th. Soc., Lady Nelco Institute; Technical and Mechanical Institute; Bishop Payne Divinity School.  
Resident Supervisor of Men (1947).
- PIKE, OCTAVIA R., Miss Hernell's School for Girls; Miller Lavern School of Religion.  
Matron (1945).
- RAGLAND, GEORGE R.  
Public Relations (1947).
- SEWARD, LILLIE STALLWORTH, B. S., Langston University, Further study, University of Iowa.  
Cashier and Accountant, Finance Office (1940)
- SEWARD, WALTER.  
Assistant, Farm Shop, Division of Agriculture (1947)
- SCOTT, CLARA B., B. A., Langston University.  
Assistant Librarian (1949).
- SCOTT, WILLIAM B., B. A. Langston University.  
Assistant Librarian (1949).



THE ADMINISTRATION BUILDING





SIMMS, EUNICE A., B. S., Langston University; Further work, University of Southern California.  
Supervisor of the Student Union (1945).

SHELTON, HARRY.  
Night Watchman.

STEWART, JUANITA, Howard University.  
Matron (1946).

STROUD, ENOUGH.  
Utilities.

SUTTLE, AL.  
Utilities.

\*SWINTON, BEVERLY, B. S., West Virginia State College  
Supervisor of Correspondence Courses (1947)

TERRELL, D.  
Pumpman.

THOMPSON, S. C., M. D., Meharry Medical College.  
University Physician and Health Director (1929).

TRICE, CAL.  
Farm Utilities.

WADE, JOHN.  
Construction and Maintenance.

WADE, LYNWOOD.  
Construction and Maintenance.

WELCH, R. B., B.S., Langston University; M. A., Northwestern University.  
Acting Business Manager (1936).

WILLIAMS, ERNESTYNE A., Tuskegee Institute.  
Supervisor of Dining Hall (1944).

WILLIAMS, ERNESTYNE A., Tuskegee Institute.  
Supervisor of Dining Hall (1944).

WILLIAMS, HAZEL.  
Custodial Department.

WOODARD, WILLIAM.  
Chef, Dining Hall (1948).

WRIGHT, CLARA MAE.  
Laundry Assistant.

YOUNG, B. L., B. S., Langston University.  
Supervisor of University Canteen and Book Store (1938).

*Veterans Administration*

BOYD, BYTHE R., B. S., Langston University.  
Training Specialist (1946).

\* Part year 1949-50.

*Langston University Library*

## VOCATIONAL AGRICULTURAL TEACHERS

ASHLEY, L. G. ....	B.S.A., Langston University	<i>Boley</i>
BROWN, E. D. ....	B.S.A., Langston University	<i>Sand Springs</i>
BURTON, L. E. ....	B.S.A., Langston University	<i>Chandler</i>
CLEGG, JAMES, R. ....	B.S.A., Langston University	<i>Geary</i>
COLLINS, CHARLES ....	B.S.A., Langston University	<i>Holdenville</i>
COOPER, CLARENCE C. ....	B.S.A., Langston University	<i>Luther</i>
ENGLISH, T. E. ....	B.S.A., Langston University	<i>Ada</i>
FACTORY, FRED ....	B.S.A., Langston University	<i>Watonga</i>
GAMBLE, MARSHALL E. ....	B.S.A., Langston University	<i>Hennessey</i>
HAMPTON, ARCHILLE ....	B.S.A., Langston University	<i>Okmulgee</i>
HAYNES, WM. J. ....	B.S.A., Langston University	<i>Colbert</i>
HICKS, MATT B. ....	B.S.A., Langston University M.S., Colorado A. & M. College	<i>Boynton</i>
HOLT, CECIL G. ....	B.S.A., Langston University	<i>Wewoka</i>
JENKINS, J. M. ....	B.S.A., Langston University M.S., Colorado A. and M. College	<i>Oklahoma City</i>
JOHNSON, GARFIELD ....	B.S.A., Langston University	<i>Broken Bow</i>
LEWIS, T. R. ....	B.S.A., Langston University	<i>Sapulpa</i>
MARSHALL, WM. ....	B.S.A., Langston University	<i>Hugo</i>
MUORE, T. H. ....	B.S.A., Langston University	<i>McAlester</i>
PARKER, WILLARD G. ....	B.S.A., Langston University	<i>Muskogee</i>
PARKER, WILLIE B. ....	B.S.A., Langston University	<i>Choctaw</i>
PREWITT, A. B. ....	B.S.A., Langston University	<i>Langston</i>
SCOTT, ALBERT L. ....	B.S.A., Langston University	<i>Idabel</i>

TAYLOR, JOHN E. ....	<i>Dover</i>
B.S.A., Langston University	
TEAL, WILLIS L. ....	<i>Henryetta</i>
B.S.A., Langston University	
WHITED, BURLEY ....	<i>Shawnee</i>
B.S.A., Langston University	

**EXTENSION SUPERVISORS**

BROOKS, PAUL O. ....	<i>Langston</i>
B.S.A., Kansas State Agricultural College	
District Agent	
HEWLETT, HELEN M. FOWLER ....	<i>Langston</i>
B.S., Rust College	
District Home Demonstration Agent	
MASON, LEONA MYRTLE ....	<i>Langston</i>
Secretary	

**COUNTY AND HOME DEMONSTRATION AGENTS**

ASHLEY, CLEMON D. ....	<i>Creek</i>
B.S.A., Langston University	
BERRY, HAROLD E. ....	<i>Wagoner</i>
B.S.A., Langston University	
BLACK, THOMAS H. JR. ....	<i>Logan</i>
B.S.A., Langston University	
BOYD, E. L. ....	<i>Okfuskee</i>
B.S.A., Langston University	
BRUNER, COLUMBUS C. ....	<i>Lincoln</i>
B.S.A., Langston University	
FLOYD, J. G. ....	<i>Seminole</i>
Diploma, Langston University	
GARRETT, W. C. ....	<i>McIntosh</i>
B.S.A., Langston University	
HARRIS LEVEARN ....	<i>Choctaw</i>
B.S.A., Langston University	
LILLY, D. P. ....	<i>Okmulgee</i>
B.S.A., Kentucky State College	
ROBINSON, BOOKER T. ....	<i>Oklahoma</i>
B.S.A., Langston University	
WATLINGTON, J. M. ....	<i>Muskogee</i>
B.S.A., A. and T. College, Greensboro, N. C.	
TAYLOR, J. E. ....	<i>Carter</i>
B.S., Alcorn A. and M. College	
MURRAY, ANDREW ....	<i>McCurtain</i>
B.S., Langston University	

**COUNTY HOME DEMONSTRATION AGENTS**

ANDERSON, ANNA L. ....	<i>Okmulgee</i>
Diploma, Spelman College, Atlanta, Ga.	

BOONE, MATYE C. ....	<i>Muskogee</i>
B.S., Home Economics, Kansas State Teachers' College	
FOSTER, LUVELLA ....	<i>Choctaw</i>
Diploma, Texas College	
HENDRICKS, MARY ....	<i>McCurtain</i>
B.S., Alcorn A. & M. College	
HOUSE, ROSA J. ....	<i>Logan</i>
B.S., Kansas State Teachers' College Pittsburg, Kansas; Graduate work, <i>ibid.</i>	
JOHNSON, EVELYN ....	<i>Oklahoma</i>
B.S., Hampton Institute	
KING, HAZEL O. ....	<i>Creek</i>
Diploma, Langston University	
KING, JEWELL ....	<i>Carter</i>
B.S., Langston University	
McCAIN, LULA B. ....	<i>Okfuskee</i>
Diploma, Kansas	
WILLIAMS, INEZ ....	<i>Wagoner</i>
B.S., Langston University	
WINSTON, DAVETTA ....	<i>McIntosh</i>
B.S., Langston University	

#### VOCATIONAL TRADES AND INDUSTRIAL TEACHERS

*BUCKNER, M. T. ....	B.S., Langston University	<i>Boley</i>
COLEMAN, BENJAMIN ....	B.S., Langston University	<i>Muskogee</i>
COUNTEE, CAROLYN ....	B.S., Virginia Union University	<i>Oklahoma City</i>
COX, M. PEARL ....	B.S., Wiley College	<i>Muskogee</i>
**HENSON, ROBERT W. ....	B.S., Langston University	<i>Boley</i>
HOLT, ALETHIA E. ....	B.S., Tuskegee Institute	<i>Shawnee</i>
MARSHALL, MARY L. ....	B.S., Langston University	<i>Muskogee</i>
McCORMICK, LEON ....	Langston University	<i>Muskogee</i>
McKINNEY, BEN ....	B.S., Tuskegee Institute	<i>Tulsa</i>
McTURNER, MARTHA ....	Langston University	<i>Muskogee</i>
MILLER, ALDORA ....	Langston University	<i>Muskogee</i>
MOORE, JESSYE J. ....	B.S., Langston University	<i>Oklahoma City</i>
STEPHENS, GLADYS M. ....	B.S., Langston University	<i>Oklahoma City</i>
THOMPSON, ROSA LEE ....	B.S., Langston University	<i>Sapulpa</i>
TILFORD, HELEN ....	B.S., Langston University	<i>Sand Springs</i>
WASHINGTON, N. J. ....	B.S., Tuskegee Institute	<i>Sand Springs</i>
WORD, GEORGE O. ....	M.S., University of Arizona	
	B.S., Langston University	<i>Shawnee</i>

\* First Semester 1948-49

\*\* Second Semester 1948-49

## History

*Location.* The University is located at Langston, Oklahoma, eleven miles east of Guthrie and one and one-half miles west of Coyle. It may be reached over the Santa Fe railroad, via Oklahoma City and Guthrie or Cushing; also by bus line from Tulsa and Guthrie. The College is situated on a beautiful hill overlooking a vast expanse of open prairie. It is within easy walking distance of the village of Langston, a community of some five hundred people.

*Establishment and Purpose.* The Agricultural and Normal University was established by Act of Territorial Council and House, March 12, 1897. The bill (Council Bill of No. 87—House Bill 151) was introduced in the Council February 4, 1897, by Honorable J. W. Johnson, President of the Council, who was at that time a very eminent lawyer at Oklahoma City. Upon the introduction of the bill it was taken in charge by Honorable Henry S. Johnson and it was signed by J. W. Johnson, President of the Council; J. C. Tusley, Speaker of the House; and approved by William C. Renfrow, Governor of Oklahoma Territory.

Section One of said House Bill No. 151, locates the institution and sets forth the purpose for which the institution is established and defines its objectives as follows:

"The Colored Agricultural and Normal University of the Territory of Oklahoma is hereby located and established at or within a convenient distance from Langston, in Logan County, Oklahoma Territory, the exclusive purpose of which shall be the instruction of both male and female colored persons in the art of teaching and various branches which pertain to a common school education; and in such higher education as may be deemed advisable by such Board, and in the fundamental laws of the United States, in the rights and duties of citizens and in the Agricultural, Mechanical and Industrial Arts."

Personnel of the Territorial Council—The Council as constituted when this act was passed, was composed of thirteen members as follows:

Honorable J. W. Johnson, President; Henry S. Johnston, C. M. Brown, E. J. Clark, J. D. DeBois, A. W. Fisher, William Garrison, C. E. Gould, H. S. Hanner, B. B. Learned, D. P. Marum, D. S. Randolph and J. W. Lynch.

However, by far the most influential and most interesting Negro in the establishing and locating the school was Dr. A. J. Alston, who was then practicing physician in the town of Langston. He was a very able man in his day and wielded much power and influence among both whites and Negroes.

Upon the establishing of the Institution and the adopting of the final plans for the opening of its doors, the Board of Regents called to the honorable position of President of the University, the late Inman E. Page, a graduate of Brown University, who was then serving as President of Lincoln Institute (Now Lincoln University), Jefferson City, Missouri.



BOONE, MATYE C. ....	<i>Muskogee</i>
B.S., Home Economics, Kansas State Teachers' College	
FOSTER, LUVELLA .....	<i>Choctaw</i>
Diploma, Texas College	
HENDRICKS, MARY .....	<i>McCurtain</i>
B.S., Alcorn A. & M. College	
HOUSE, ROSA J. ....	<i>Logan</i>
B.S., Kansas State Teachers' College	
Pittsburg, Kansas; Graduate work, <i>ibid.</i>	
JOHNSON, EVELYN .....	<i>Oklahoma</i>
B.S., Hampton Institute	
KING, HAZEL O. ....	<i>Creek</i>
Diploma, Langston University	
KING, JEWELL .....	<i>Carter</i>
B.S., Langston University	
MCCAIN, LULA B. ....	<i>Okfuskee</i>
Diploma, Kansas	
WILLIAMS, INEZ .....	<i>Wagoner</i>
B.S., Langston University	
WINSTON, DAVETTA .....	<i>McIntosh</i>
B.S., Langston University	

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MCCORMICK, LEON .....	Langston University	<i>Muskogee</i>
McKINNEY, BEN .....	B.S., Tuskegee Institute	<i>Tulsa</i>
McTURNER, MARTHA .....	Langston University	<i>Muskogee</i>
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STEPHENS, GLADYS M. ....	B.S., Langston University	<i>Oklahoma City</i>
THOMPSON, ROSA LEE .....	B.S., Langston University	<i>Sapulpa</i>
TILFORD, HELEN .....	B.S., Langston University	<i>Sand Springs</i>
WASHINGTON, N. J. ....	B.S., Tuskegee Institute	<i>Sand Springs</i>
WORD, GEORGE O. ....	M.S., University of Arizona	
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\* First Semester 1948-49

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A bill, introduced in the House of Representatives by Carl Morgan, and in the Senate by Louis H. Ritzhaupt, both of Logan County, enacted by the eighteenth legislature and signed by the Honorable Leon C. Phillips, Governor of the State of Oklahoma, May 1, 1941, provided that The Colored Agricultural and Normal University should be officially renamed Langston University.

The institution has been popularly known as Langston University, both within and without the state. The college, as well as the all-Negro town on the edge of which it is located, was named for the famous Negro leader, John Mercer Langston, who died in 1897.

During his life time John M. Langston was a symbol of the highest type of educational leadership. He attended Oberlin College and for many years practiced law in the city of Oberlin. He served for eleven years as member of the board of education in this famous Ohio city and was twice elected to its governing council.

His deep interest in the education of his race is evidenced by the many positions of leadership he accepted in connection with it. At one time he supervised the schooling of Negro youth in Ohio; at another time he was inspector-general of the freedmen's schools. He was the first dean of the Howard University Law School and for a time served as acting-president of the newly established university. Later he became president of the Virginia Normal and Collegiate Institute, now known as Virginia State College.

His political achievements included his appointment as consul-general to Haiti and his election to Congress from the state of Virginia.

Today Langston University is the largest and most influential reminder of the life and achievements of this worthy man.

### PHYSICAL PLANT

*Administration Building:* Offices and Classrooms.

*Agriculture:* Engineering Building, Dairy Barn, Silos, Poultry Plant, Food Processing Plant.

*Gymnasium.*

*Central Heating Plant.*

*Home Economics Cottage.*

*Mechanic Arts Building.*

*Infirmary.*

*Laundry.*

*Music Hall.*

*Nursery School.*

*Page Hall:* Houses the Auditorium.

*President's Home.*

*Stadium.*

*Science and Agriculture Building:* Houses the Division of Agriculture and the Natural Sciences.

*Student Recreation Building.*

*Tailor Shop.*

*Training School:* Designed to accommodate one hundred pupils. It offers modern facilities for practice work in teaching.

*University Library:* A modern library building.

### Residence Halls

*Men:* Marquess Hall, University Men, Annex I, Annex II.

*Women:* Phyllis Wheatley, Sanford Hall, University Women.

The university, in addition to these buildings, has a number of dormitory buildings of modern construction which were secured from the Federal Government.

## GENERAL INFORMATION

### Student Organizations

*The Student Council.* The student body is self governed. This is accomplished through an organization known as the Student Council. The organization has a constitution and by-laws, and is under faculty supervision.

*The Women's Council.* An organization composed of the heads of student women's groups. Its chief function is to assist in the directing of all activities of women students. This group has as consultants, a faculty sponsor and the Dean of Women.

*The Y.M.C.A. and Y.W.C.A.* These are free, voluntary nondenominational fellowships of students and faculty members to follow the true commandments of Jesus that men establish a father-son relation to God and a brotherly relation to man.

These organizations are affiliated with State, Regional, National and International movement of Christian Organizations.

### Social Clubs

*The Iota Beta Chi Club.* A social organization for young women. Its purpose is to foster high ethical, moral and scholastic standards; to direct the social life of the young women into correct channels and to develop initiative and leadership.

*Philorati Club.*

*Tri Zeta Club.* An organization of young women whose aim is to stimulate interest in scholarship, higher social and cultural standards, and to make worthy and useful contributions to the institution.

### Fraternities and Sororities

*Fraternities:* Alpha Phi Alpha, Kappa Alpha Psi, Omega Psi Phi, Phi Beta Sigma, Lambda Omicron.

*Sororities:* Alpha Kappa Alpha, Delta Sigma Theta, Zeta Phi Beta.

### Departmental Clubs

*Clubs:* The Aggie Club, Mechanical Club, Home Economics Club, The Chemistry Club, The International Relations Club, The Education Club.

### Musical Organizations

The University Choir, The Mixed A Cappella Singers, Male Chorus, Female Chorus, University Ladies' Quartette, University Men's Quartette, University Band, and University Orchestra.

*Dramatics:* Dust Bowl Players.

### Scholarships, Prizes And Student Loans

*Scholarships:* The G. L. Harrison Scholarship of \$50.00 is awarded to the entering freshman who makes the highest score on entrance examinations.

The Langston University Alumni Association offers three scholarships of \$50.00 each to the freshman, sophomore and junior maintaining the highest scholastic average for two consecutive semesters.

The Evelyn Pittman Choir Music Scholarship of \$50.00 is awarded to the most outstanding major in music in the Junior Class.

The G. L. Harrison Medal is awarded to the most outstanding member of the graduating class from the Division of Agriculture. The student must be eligible for honors and must also have the highest scholastic average of his class.

Scholarships and prizes are awarded at the end of the regular academic year, and students winning these scholarships must return to the University not later than the beginning of the second semester of the next year.

*Student Loans.* The Alumni Loan Fund is provided by the Alumni Association and is available to students who need small sums to purchase books, supplies and other incidentals.

The Beta Iota Sigma Chapter of Delta Sigma Theta Sorority maintains a fund for small emergency loans.

The John E. Buford Memorial Fund, established by the family of the late John E. Buford, is available to students doing passing work at or above the sophomore year.

The Lamar Harrison Jr. Memorial Loan Fund of \$200. Established by President and Mrs. G. L. Harrison in memory of their late son Lamar Jr. available to members of the Langston University Band.

### Health Service

All freshmen and new entries are required to have a physical examination including a blood test, small-pox vaccination, tuberculin test, typhoid vaccination, etc. All persons who handle food, and all athletes are required to have the same examination.

Student health fee is included in the Registration fee. This fee will permit the use of the dispensary and hospitalization when ill. Students who do not board on the campus must pay 50 cents per day for board while in the infirmary.

All students ill enough to be in bed are required to enter the infirmary.

Faculty members and employees using the dispensary will be required to pay a fee for medicines and materials used.

The University will not be responsible for surgical operations.

Health lectures will be given from time to time. All students are required to attend these lectures.

In co-operation with the State Health Department and the Logan County Health Unit, a free clinic is held for the treatment of all social diseases. For their own benefit, all students and employees of the school are urged to have a blood test, etc.

Young women will be required to furnish their own linens, such as sheets, spreads, blankets, etc.

### **Athletics**

Langston University sponsors Inter-collegiate competition in the following sports: Football, Basketball, Track, Tennis, and Baseball.

The University holds membership in the Southwestern Athletic Conference.

Athletics are controlled by the Athletic Council.

### **Employment For Students**

A very limited number of students are granted work during the summer at the University for which work credit is given on his entrance fees and monthly expenses. A certain number of students are engaged by the University for part-time employment in the dormitories, on the grounds, as assistants in the laboratories, library, and offices, and as waiters in the dining room, and assistants in the laundry. The employment service seeks to aid deserving students with their college expenses, and no student will be permitted to hold a job unless he passes in at least seventy-five per cent of his academic work. Persons who fail to live up to these requirements will be replaced without further notice. Those who wish to make application for student employment should communicate with the Chairman of Student Employment Committee.

### **Summer Session**

The Summer Session of Langston University offers unusual opportunities to students who desire to shorten their collegiate courses and to in-service teachers who wish to complete the requirements for a degree or meet the State requirements for certification to teach in elementary or high schools. Excellent opportunities, too, are provided for persons who seek refresher courses in certain fields. Workshops and conferences are always special features of the summer program.



### Correspondence and Extension Study

The University offers a number of courses by correspondence and extension. Rules, regulations, and course offerings are published in a separate bulletin. For full information write the Director Correspondence and Extension Study Department.

### Publications

The University issues during the year a series of publications together with numerous programs, folders, and announcements. The administrative publications include:

- The General Catalog.
- The Summer School Bulletin.
- The Southwestern Journal.
- The Langston Review, a student newspaper.
- The Bulletin of the School of Law.
- The Correspondence and Extension Study Bulletin.

### The Library

The University Library is housed in a recently completed modern structure built on the modular plan of construction. The building, which is organized on the principle of accessibility of Library materials to all students—the "open stack," contains three major reading rooms, eight stack reading rooms, a browsing room, two faculty study—lounges, offices and work rooms.

The Library is currently undergoing an extensive program of reorganization and expansion to meet the needs of an Institution that is growing in size and complexity. Besides the addition of many thousands of books and other publications, the Library is being improved in arrangement and technical procedures.

The collection, which now numbers approximately 35,000 volumes, includes the basic standard reference books, professional and technical literature, and avocational and recreational reading material.

In addition to the resources of the general collection, the Library has some 7,000 bound periodicals. To continue and supplement the bound sets, 700 current periodicals, newspapers, transactions of literary, scientific, historical, and other societies are annually subscribed for or secured through exchange and gift.

The Library is a designated depository for the publications of the United States Government, as well as a depository for the publications of a few state governments. Publications of the other state and local governments in the fields of special interest to this school are received.

Every feasible means is employed to encourage greater use of the books and facilities of the Library. Informal instruction in the use of books and libraries is offered to students throughout the year. Displays of new and outstanding books on various subjects of unusual interest are maintained in the Library and bulletin boards and display cases are used for exhibits.

## ADMISSION AND GRADUATION

### Application And Registration

*Credentials.* Students desiring admission to the Freshman class should make application in writing and must have certificates of high school credits sent to the Registrar at least four weeks before registration day. Application for Admission blanks will be furnished by the Office of the Registrar upon request.

Applicants for admission *with advanced standing* must make application and file, at least two weeks before the registration date, official transcripts showing high school and college work completed.

*Permits.* An admittance card is sent to those applicants whose credentials are satisfactory. New students must present this card to their advisors at the time of registration. Permits not mailed may be secured at the office of the Registrar.

*Entrance Examinations.* Before registration, Freshmen are required to take the following entrance examinations: English Placement, Algebra Aptitude, Psychological Examination, Personality Test, Vocational Interest Test, Reading Test.

*Freshman Week.* All Freshmen are required to be present during the period designated as Freshman Week. The University sets aside this week in order to assemble the Freshmen before the rush of general registration. The purpose of the program is to make the students acquainted with one another, the physical plant, the general rules and regulations, objectives and organization of the University. Other features of the program include a "talent night" and a series of teas and receptions.

*Registration Instruction.* See the "University Calendar" for registration dates.

New students must complete all entrance examinations before registration. Registration instructions are printed in the Registration Book.

*Class Schedule.* A schedule of all classes offered for each semester may be secured from the Office of the Registrar or the Office of the Dean of Instruction. This schedule shows the class hour, room assignment, instructor, and credit for each course.

*Payment of Fees.* All fees must be paid at the time of registration, and so registration is complete until fees are paid.

*Registration Requirements.* See "Late Registration Fee" under "General Fees and Deposits". In addition to the late registration fee a student may be required to carry a reduced study load.

Required courses must precede elective courses in the order of their requirements.

No credit is given for work in which the student is not officially registered.

No student may enroll for less than 12 nor more than 16 semester hours except by permission of his advisor and by approval of the Dean.

*Change in Registration.* Change in registration may be made during the first two weeks of either semester. A course dropped with the permission of the advisor and approval of the Dean during the first two weeks, will not be included in the registration for that semester. A course dropped without official approval shall be recorded in the Office of the Registrar as a Failure.

When a student withdraws from the college, the instructor will report a grade which indicates the quality of work at the time of the student's withdrawal. See "Marking System."

### **Entrance Requirements**

Any student who is a graduate of an accredited high school or who has completed not less than fifteen curricular units of accredited high school work, may be admitted to the Freshman class. The fifteen units must include three to four in English, one to two in mathematics, one in American history, and one in natural science.

Students who graduate from non-accredited high schools are required to take examinations to validate their work. If the school has less than fifteen accredited units, the student will be required to take examinations in the non-accredited subjects.

### **Advanced Standing**

Applicants for advanced standing are required to make application for admission and file official transcripts of high school and college work completed.

A student is eligible for advanced standing provided that he has completed college work in other institutions of standard rating and has withdrawn in good standing.

The University, however, reserves the right to reject transfer credit of "D" or barely passing grade.

No students transferring to this institution shall offer as a major for graduation a field of work in which he has not taken one or more advanced courses while in residence here.

Students transferring from non-accredited institutions must complete one semester's work (sixteen semester hours) in residence at this institution before final advanced standing shall be given.

Work completed in an accredited Junior College may be accepted toward meeting the requirements for graduation. A graduate of a Junior College may transfer not more than sixty-two semester hours.

Transferred credits earned by correspondence or extension study are accepted only upon recommendation of the head of the University Department in which the subject is taught.

### Graduation

*Class Attendance.* Students are expected to attend all classes and are not to be absent without adequate reasons. An absence may be considered excused only by a written administrative statement or by a certificate of protracted illness. In case of sick certificate, such statement must be issued or counter-signed by the University Physician or Nurse.

When a student has accumulated unexcused absences in any course during the semester amounting to one more than twice the number of credit hours the course yields, the student shall be dropped from the course, and a failing grade shall be recorded in the Office of the Registrar.

An absence immediately preceding or following a holiday will constitute a double absence in the course involved.

Absence from class, whether excused or unexcused, does not relieve the student from responsibility for the performance of any part of the work required in the course during the period of his absence.

*Credit.* Credit for courses is given in terms of semester hours. A semester hour of credit is given for the equivalent of one class period per week for eighteen weeks.

*Class Periods.* The regular lecture-recitation class period is sixty minutes in length, including time for transition. Laboratory periods are one hundred twenty minutes.

*Marking System.* A—excellent, B—good, C—fair, D—poor, F—failure, I—incomplete, WP—withdrew passing, WF—withdrew failing. An incomplete becomes F if not removed during the next period of registration.

*Grade Points.* Three points are given for each hour of mark A, two for B, one for C, none for D, minus one for F and WF.

A student must make as many grade points as the number of hours required for graduation from his chosen curriculum.

*Scholarship.* A student who fails in one-third or more of the work in which he is enrolled is placed on scholastic probation the next semester. If he should fail in one-third or more of his work during the probation, he will be dropped from the institution for poor scholarship, for one semester.

Freshmen who earn less than twenty grade points for the year are placed on scholastic probation. If at the end of their second year they have accumulated less than forty-five grade points, they will be dropped from the institution for poor scholarship for one semester. A student who is dropped from the University for failure to earn the minimum number of grade points will not be permitted to enroll for work of senior college level until he evidences by the tests his ability to do work at the advanced level.



*Examinations.* Students are required to take all tests and examinations. Regular examinations designed to cover the entire work of a course are held at the close of each semester.

Absence from tests or examinations will be excused only on immediate presentation in writing, of a satisfactory explanation which meets the approval of the Dean of Instruction.

In case of illness the student should present a doctor's certificate or one from the University Nurse.

*Course Numbers.* Courses in the 100 and 200 series are intended primarily for Freshmen and Sophomores. Those numbered in the 300 and the 400 series are primarily for Juniors and Seniors.

Juniors and Seniors who take courses in the 100 or 200 group without the approval of the head of the department and the dean will have their number of hours required for graduation increased by the number of hours taken in these courses.

*Class Standing.* Classification is determined as follows: Less than 32 semester hours, freshman; 32 to 62 sophomore; 63 to 93, junior; more than 93, senior.

### Requirements For Graduation

*Baccalaureate Degrees.* The University confers the baccalaureate degrees Bachelor of Arts, Bachelor of Science, Bachelor of Science in Agriculture, Bachelor of Science in Elementary Education, Bachelor of Science in Industrial Arts, Bachelor of Science in Industrial Engineering, Bachelor of Science in Secondary Education.

Minimum hours for graduation, 124, including four in physical education, and 120 grade points.

A minimum of thirty-six weeks in residence with not less than thirty semester hours of credit is required for all degrees.

Thirty additional hours after graduation must be completed before another degree can be conferred.

Four semester hours of physical education are required of all students.

Work not to exceed thirty semester hours of correspondence or extension may be applied towards a degree. Not more than nine hours of work in the major field or six in the minor field may be completed by correspondence or extension study.

A minimum of forty-five percent of the hours presented for graduation must be of senior college level.

A student must be in residence at the time he qualifies for a degree.

Curriculum substitutions may be made only on recommendation of the Head of the Department and by approval of the Dean.

### Teachers' Certificates

Students who desire to meet the state requirements for teachers' certificates should make this known to the advisor when planning their schedule.

### Degrees With Honor

*Cum Laude.* A degree Cum Laude is awarded to a candidate who has no grade below D, and a grade point average of 2.00.

*Magna Cum Laude.* A degree Magna Cum Laude is awarded to a candidate who has no grade below D, and a grade point average of 2.40.

*Summa Cum Laude.* A degree Summa Cum Laude is awarded to a candidate who has no grade below D and whose grade point average is 2.70.

To be eligible to graduate with honors a student must complete four years of work in residence in this University.

Students who complete less than four years in residence may be graduated "With Distinction", on the basis of grade points.

The names of all students making an average of two points or above during any semester, are published on the "Dean's List".

**GENERAL INSTRUCTIONS AND REGULATIONS  
CONCERNING PAYMENT OF FEES**

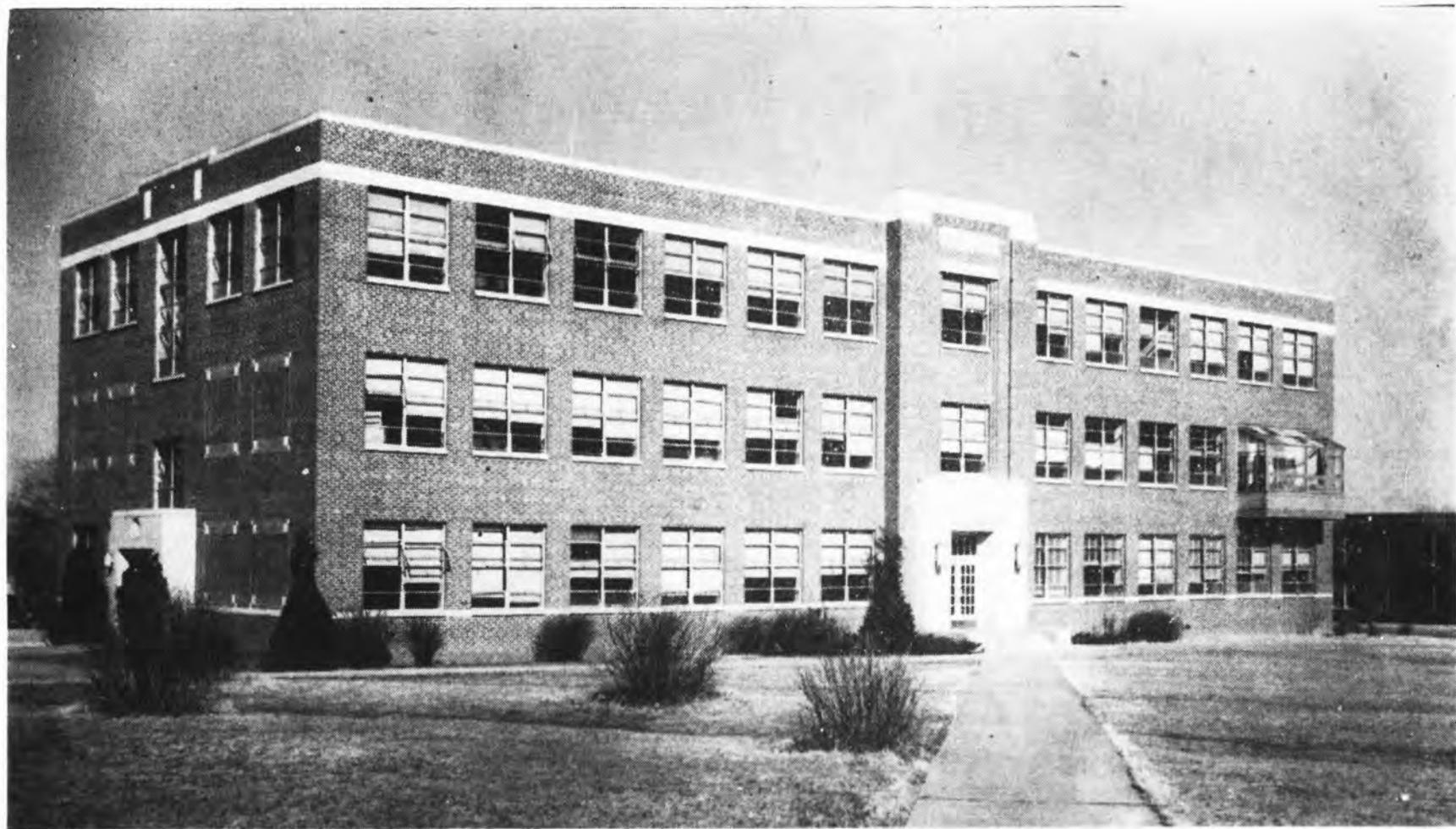
All institutional fees, tuition, and room and board are payable in advance. A student whose account is five days past due will not be permitted to remain in the institution.

The remittance of maintenance cost, or any other charges set by the institution should be made either by cashier's check, bank draft, or money order. Such payments should be made payable to Langston University and sent to the Chief Clerk.

No student will be permitted to begin a new semester or summer session whose bills of a previous term have not been paid in full. The full payment of all charges and balances standing on the books of the institution must be made before certificates, diplomas, or degrees will be issued.

**Fees and Deposits**

A.	Registration (Residents of Oklahoma)—Per semester .....	\$ 33.00
	(Students taking less than 12 hours pay at \$3.00 with a minimum of \$15.00 per semester)	
B.	Non-residents of Oklahoma	
	1. Registration—per semester .....	33.00
	2. Out-of-State—per semester .....	96.00
	Total non-resident per semester .....	\$129.00
	(Non-resident students taking less than 12 hours pay at \$8.00 per hour with a minimum of \$40.00)	
C.	Correspondence or Extension (per semester hour) .....	5.00
D.	Other Fees	
	1. Private lessons in fine arts courses, such as speech and applied music, at \$18.00 per semester hour credit.	
	2. Studio and instrumental rental, at \$3.00 per semester.	
	3. Aviation flight courses, \$8.00 per hour for dual flight for a minimum of 30 hours, \$7.00 per hour for solo flight for a minimum of 30 hours.	
	4. Car driving course, \$6.00.	
	5. Changing enrollment, \$.50. Late enrollment, \$1.00; Re-enrollment after withdrawal, \$1.00; Locker, \$1.00; Towel, \$1.00; Copy of transcript, \$1.00; Certificate fee, \$1.00; Audit (without credit) per course.....	1.00
	6. Graduation, diploma, etc. ....	5.00
	7. Art .....	3.00
	8. Agriculture .....	6.00
	9. Auto Mechanics .....	8.00
	10. Carpentry .....	8.00



SCIENCE AND AGRICULTURE BUILDING

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11. Commercial Dietetics .....	5.50
12. Cosmetology .....	5.50
13. Electricity .....	8.00
14. Mechanical Drawing .....	5.00
15. Photography .....	8.00
16. Private, Personal Tutoring—per clock hour .....	2.00
17. Radio .....	8.00
18. Shoe Repairing .....	8.00
19. Tailoring .....	8.00
20. Bricklaying .....	8.00

### Boarding Students

A budget of approximately \$450.00 per year for room, board and miscellaneous expenses will enable a student to live comfortably at the University. Some students live on less. However, due consideration should be given to health.

Room and board range from \$35.00 to \$37.00 per month for 9 months of 28 days each, payable in advance on the first of each month.

A schedule of charges for room and board is as follows:

Federal Dormitories—\$37.00 per month for front rooms  
—\$36.00 per month for other rooms

State Dormitories  
—\$36.00 per month for front rooms  
—\$35.00 per month for other rooms

(Change in food prices may alter cost of board)

### Deposits

A state property deposit of \$5.00 is refunded at the end of the year, or when a student is withdrawing from school, upon presentation of a departure notice from the Dean of Men, or Dean of Women, stating that the state property has not been damaged.

The key deposit of \$0.75 is refunded when the key has been returned to the finance office at the end of the school year or summer session.

### Refunds

Refunds to students who withdraw:

During the first 2 weeks 75% is refunded.

During the 3rd and 4th weeks 50% is refunded.

During the 5th and 6th weeks 25% is refunded.

Thereafter, no refunds.

Note: All matters pertaining to finance should be addressed to the Chief Clerk, Langston University, Langston, Oklahoma.



## GENERAL EDUCATION

### Enrollment

The general education requirement for all students enrolling after September 1, 1949 is twenty-four semester hours. Therefore, it will not be necessary for the student to make an immediate decision as to his major program. Thus students who are undecided as to their choice of a major will be given help during this period of time by their advisor in determining their educational objectives.

### The General Education Requirements

All entering students in the fall semester of 1949 will be expected to meet the following minimum requirements in General Education:

- I. Specific Course Requirements
  - A. Basic Communications. A course in grammar with written and oral composition.
  - B. Social Sciences
  - C. Mathematics
  - D. A Natural Science
- II. Elective Courses. Elective courses shall constitute not more than five semester hours of work. If the program calls for five hours of electives, one of the hours must be Physical Education.

### FRESHMAN SCHEDULE

#### For Every Division of the College

<i>Course and No.</i>	<i>Sem. Hrs.</i>	<i>Course and No.</i>	<i>Sem. Hrs.</i>
Engl. 101 .....	3	Engl. 102 .....	3
Math. 101 .....	3	Math. 106 .....	3
Hist. 202 .....	3	Pol. Sci. 201 .....	3
<b>Natural Science</b> .....	3	Natural Science .....	3
Electives .....	4-5	Electives .....	4-5

## DIVISION OF AGRICULTURE

### OBJECTIVES

1. To secure an understanding of the application of the natural sciences to plant and animal production.
2. To promote research among faculty and students.
3. To give training in economic production of livestock, livestock products and crop production in farmer training.
4. To give training in the necessary fundamentals and develop skills in farm shop, farm machinery and farm structures.
5. To train young men to develop and exercise the function of rural leadership.
6. To give training in the conservation and maintenance of soil fertility.

### Organization

The Agricultural services of the institution are carried on through the following three Major Fields:

1. Agricultural Education (Smith-Hughes)
2. Agricultural Extension (Smith-Hughes)
3. Residence Training

### COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

The headquarters of the Negro Division of the Cooperative Extension work in Oklahoma is located at Langston University. The University also serves as a center for state wide events held by the Extension Division, such as the State 4-H Club Round-Up and Short Course, State Junior Livestock Show, Adult Short Courses and Conferences and Short Courses for County Extension Agents.

Cooperative Extension Work in Agriculture and Home Economics is essentially that of teaching, of showing the farmer and his family and the rural community how to apply the practical results of investigational work and studies of the Federal Department of Agriculture, the State Agricultural Colleges and like institutions, to the problems of the farm, the farm home, and the rural community. The teaching is not so much out of books and printed matter as it is with the living things of the farm, the orchard, the barn, the home, the creamery and the market place. Emphasis is placed on demonstrations and personal contact rather than on lectures and books.

The end sought is a more efficient and profitable agriculture, and an adequate supply of food and clothing for the nation, a wholesome rural life, and an intelligent, alert, progressive rural people.

## RESIDENCE TRAINING

### University Farm

The University has 400 acres of land on Highway 33, ten miles north-east of Guthrie, Oklahoma. The soil, a reddish yellow loam of sand stone, origin prairie soil. One hundred fifty-seven (157) acres of this land are under cultivation and serve as a farm laboratory. Highway 10 acres; campus site, 40 acres; drives, buildings and cemetery, 9 acres; creek 7 acres; boundary lines, 6 acres; permanent pasture, 108 acres; wood land pasture and idle land, approximately 39 acres; garden 9 acres; piggery, 12 acres and poultry plant, 3 acres.

## DIVISION SPONSORED PROJECTS

The Division of Agriculture offers an opportunity for a limited number of farm boys who have developed livestock projects during their high school career under the supervision of their County Agent or Vocational Teacher to bring their projects to the university campus, as a means of helping finance their college education. Persons may secure information about projects from County Agents and Teachers of Vocational Agriculture.

It is our hope that such a program will fill two needs, namely:

1. To enable some worthy farm boy to secure a college education.
2. To secure the much needed experience for succeeding in a practical situation after graduation.

## GENERAL INFORMATION

Agriculture is a basic industry to the welfare of any people. A large percentage of the Negro population is still engaged in agricultural pursuits. Agriculture is so closely related to many other industries that it opens up a large and varied field of opportunity. The Division of Agriculture offers to men and women several four-year programs of study leading to the degree of Bachelor of Science in Agriculture.

The work of the division is designated to give broad education and a thorough training to those sciences which are the basis of scientific agriculture. The various courses are planned for preparing students for various types of farming—agricultural high school teachers, extension.

Fundamental subjects common to all curricula are English, Chemistry, Botany, Mathematics, Bacteriology, Entomology and Economics.

The work of the Freshman and Sophomore years is common to all agricultural students. Specialization begins with the junior year with such differentiation in courses as the faculty and equipment will permit.

The courses in Agronomy, Animal Husbandry, Poultry Husbandry, Agricultural Engineering, and Horticulture give thorough training in the scientific principles underlying the practical work in the most important type of Oklahoma Agriculture.

### AGRICULTURAL ORGANIZATIONS

There are two faculty sponsored student organizations among the agricultural students. The Technical Agricultural Seminar; all regularly enrolled students are eligible for membership in this organization. The objective being mainly student fellowship and improvement through public participation.

The college chapter of the N. F. A. is a graduate chapter of the high school organization, the functions of which are similar to the above but of a more routine nature allied with the promotion of teacher training practices. Membership in which is predicated on former standing in a high school chapter. Membership in one of which is compulsory to be in good standing in the division.

### REQUIREMENTS FOR ADMISSION

Students who elect the four year degree courses are required to be admitted through the regular admission procedure to the university as set up by the administration. Women students may major in agriculture but will be expected to meet standards set up for the men.

### GRADUATION

A student must have satisfactorily completed a minimum of 130 semester hours of work and must meet the requirements in his major field of concentration. Agricultural Education majors and elementary agricultural teachers should include specified courses outlined by the state for certification. Membership in good standing must be maintained in one of the agricultural organizations sponsored by the division.

### FARM PRACTICE REQUIREMENTS

For those who in the opinion of their major advisor feel that their farm practice is limited, they are required to spend their summer vacation between the sophomore and junior year on the University's farm or an approved farm to acquire this practice, credit for which may be assigned but shall not count in the total 130 hours required for graduation.

A comprehensive examination in general will be given by the agricultural faculty to all seniors at the beginning of the second semester, as a basis for determining to what degree the student has been able to profit by the instruction given as a guide for future use in predicting success and correlating credits with achievement in later life on a real job.

## BASIC CURRICULUM

## FRESHMAN YEAR

(See Page 34.)

*Sophomore*

	1st Sem.	2nd Sem.
Ag. Eng. 161—162, Farm Shop—Farm Power .....	2	2
A. P. 141—142, Farm Poultry .....	2	3
Biol. 251, Botany .....		4
Chemistry 311, Organic .....	5	
Ag. 102, Forage Crops .....		2
A. P. 131—132, Breeds and Types—Farm Meats .....	3	2
Hort. 211—212, Landscape Gardening—Vegetable Garden .....	3	3
Physical Education 201—202 .....	1	1
Total.....	16	17

*Juniors*

A. P. 233, Dairy Cattle .....		2
Ag. Eng. 261—262, Domestic Engineering—Farm Machinery .....	2	2
Ag. 304, Materials and Agencies; 402, Soil Con- servation .....	3	4
A. P. 330—331, Feeds and Feeding .....	3	3
Ag. 303—Bacteriology .....	3	
Ag. Ed. 352, Vocational Education .....	2	
Ag. Ed. 354, Evening and Part-time School.....		2
Ed. 102, Educational Psychology .....	3	
Ag. Eco. 371, Farm Credits and Agricultural Adjustment .....		2
Ag. Ed. 353, Special Methods .....		3
Total.....	16	18

*Seniors*

Ag. Eco. 472, 473—Marketing Farm Products— Farm Management .....	3	2
Biol. 354, Entomology .....		4
Ed. 201, General Methods .....	3	
Ag. Ed. 451, Course Organization .....	2	
Engl. 317, Journalism .....	2	
Ag. Ed. 454, Practice Teaching .....	2	4
A. P. 434, Dairy Cattle Production .....		2
Ag. Ed. 453, Supervised Practice .....	2	
Ag. Eco. 474, Farm Records .....	2	
Ag. Ed. 355, New Farmers of America .....	1	1
Electives .....		2
Total.....	17	15



**TECHNICAL AGRICULTURE***Juniors*

	1st Sem.	2nd Sem.
A. P. 243, Hatchery and Chick Management.....		2
Ag. Eng. 261—262, Domestic Engineering— Farm Machinery .....	2	2
Soils, 304—306, Soils—Soil Management .....	3	4
Hort. 315—Plant Physiology .....	3	
Hort. 318—Plant Pathology .....		3
A. P. 330—331, Feeds and Feeding .....	3	3
Science 354, General Entomology .....		3
Ag. 303, Agricultural Bacteriology .....	3	
Ag. Economics, 371 .....	2	
Total.....	16	17

*Seniors*

Ag. 404, Genetics .....		3
Ag. Eco. 472—473, Marketing Farm Products, Farm Management .....	2	3
Ag. Eco. 474, Farm Records and Accounts .....		2
Electives .....	14	9
Total.....	16	17

**DESCRIPTION OF COURSES****Plant Production****CROPS AND HORTICULTURE**

*Ag. 101—Field Crops (formerly Major Crops) Credit 2 hours*

A general survey of the field of crop production, including types, varieties of field crops, their history, soil and climatic adaptations. Seeding, culture, harvesting; laboratory work on seed selection, judging, identification and computation of yield averages.

*Ag. 102—Forage Crops Credit 3 hours*

The identification, adaptation and use of forage and pasture plants, including Native grasses and legumes.

*Ag. 201—Cereals and Root Crops Credit 3 hours*

A study of production, distribution, classification, identification, culture, harvesting and storage of cereals and root crops; given in alternate years.

*Ag. 105—General Agriculture Credit 2 hours*

For teachers and prospective teachers in the State of Oklahoma.



*Ag. 202—Legumes* *Credit 2 hours*

A study of the culture, use, identification, and production of legumes. Given in alternate years.

*Ag. 401—Commercial Grading and Judging Crops* *Credit 3 hours*

Practice in judging cotton, hay, potatoes and other crops according to Federal standards and the use of score cards.

*Ag. 404—Genetics (formerly Ag. 454)* *Credit 3 hours*

The basic principle of variation and heredity and the improvement of farm crops and animals by the application of genetic principles.

*Ag. 400—Practical Experience* *Credit 2—5 hours*

#### SOILS

*Ag. 303—Agricultural Bacteriology (formerly Ag. 350)* *Credit 3 hours*

A study of the organisms and the factors which influence their growth. Designed to meet the needs of Agriculture and Home Economic students.

*Ag. 304—Soils* *Credit 3 hours*

Materials and agencies involved in the formation of soils and the physical properties of soils.

*Ag. 306—Soil Management* *Credit 3 hours*

Means of modifying physical, chemical and biological properties of soils by drainage, tillage, fertilization and liming.

*Ag. 402—Soil Conservation* *Credit 4 hours*

The conservation of soils through contours, sod crops, erosion accelerating and erosion retarding practices. Half credit from Soil Conservation Engineering (Ag. Eng. 461).

*Ag. 405—Soil Analysis* *Credit 3 hours*

A study of methods in soil investigation. Mechanical analysis, moisture equivalent, Colloids, base exchange, reaction.

#### HORTICULTURE

*Hort. 212—Vegetable Gardening* *Credit 3 hours*

Home and commercial vegetable growing, including hot bed and cold frame work.

*Hort. 211—Landscape Gardening* *Credit 3 hours*

Designing, planning and planting home, church, and school grounds.

*Hort. 311—Fruit Growing*

Home and commercial orcharding as it applies to Oklahoma.

*Hort. 312—Nursery Practice* *Credit 3 hours*

Plant propagation, grafts, buds, layers and seedage as it applies to ornamental and horticultural plants.

*Hort. 313—Garden Flowers* *Credit 2 hours*

Storing, planting, cutting of annual, biennial, and perennial garden flowers, also the establishment and care of lawns.

*Hort. 314—General Floriculture* *Credit 3 hours*

The growing and production of flowers under glass and outdoor gardens.

*Hort. 315—Plant Physiology* *Credit 3 hours*

The synthesis of plant foods and the utilization of mineral elements in plant nutrition.

*Hort. 318—Plant Pathology* *Credit 3 hours*

Deals with identification and control of plant diseases common in Oklahoma.

#### AGRICULTURAL ENGINEERING

*Ag. Eng. 161—Farm Shop* *Credit 2 hours*

A general course in forging, repair and maintenance of the farmstead.

*Ag. Eng. 162—Farm Power (formerly 164)* *Credit 2 hours*

Tractors, gas, stationary engine maintenance and repair.

*Ag. Eng. 260—Farmstead Engineering (Domestic Engineering)*

Construction, design and location of farm buildings.

*Credit 2 hours*

*Ag. Eng. 262—Farm Machinery*

*Credit 2 hours*

Tillage, seeding and harvesting, maintenance and repair.

*Ag. Eng. 261—Domestic Engineering*

*Credit 2 hours*

Water, sewage, lighting, heating and refrigeration equipment for the farm home.

*Ag. Eng. 461—Soil Conservation Engineering*

*Credit 2 hours*

This is a laboratory course to soil conservation. Field exercises in terracing, drainage and farm planning.

#### AGRICULTURAL EDUCATION

*Ag. Ed. 352—Vocational Education*

*Credit 2 hours*

The aims of education and the problems and scope of Agricultural Education. Prerequisite, 26 hours of technical agriculture.

*Ag. Ed. 353—Special Methods* *Credit 3 hours*

Methods and principles of teaching vocational agriculture, including observation and participation. Prerequisites, 352 and 26 hours of technical agriculture. Recitation and laboratory, 4 hours.

*Ag. Ed. 354—Evening and Part Time School Organization* *Credit 2 hours*

Procedure for organizing and conducting evening and part-time classes. Open to Juniors and Seniors. Recitation and laboratory, 4 hours.

*Ag. Ed. 355—New Farmers of America* *Credit 2 hours*

Organization of the New Farmers of America, purposes, aims and functions. Course to be given throughout the year in connection with the Collegiate NFA Chapter.

*Ag. Ed. 356—Farm Shop Method* *Credit 2 hours*

Methods of teaching farm shop and farm mechanics in vocational agriculture.

*Ag. Ed. 451—Course Organization* *Credit 2 hours*

Organization of the course of study for vocational agriculture from the farm survey and other data. Prerequisites, 352 and 35 hours of technical agriculture. Recitation and laboratory, 4 hours.

*Ag. Ed. 453—Supervised Farm Practice* *Credit 2 hours*

Important types of problems and scope of supervised farm practices. Prerequisites, 352 and 353. Recitation, 1 hour; laboratory, 3 hours.

*Ag. Ed. 454—Practice Teaching* *Credit 4 hours*

Teaching and teaching procedures for All-Day, Day Unit, Part-Time and Evening Classes in Vocational Agriculture. Student must do work in a department of Vocational Agriculture, away from the college. Recitation and laboratory, 7 hours. Prerequisites, 353, 451, and 453.

#### AGRICULTURAL ECONOMICS

*Ag. Eco. 371—Farm Credit and Agricultural Adjustment* *Credit 2 hours*

Study of the farm credit structure, organization and operation of the Federal Credit System. The problems and functions of Agricultural Adjustment. For Juniors and Seniors.

*Ag. Eco. 472—Marketing Farm Products* *Credit 2 hours*

The structure of Agricultural marketing, shipping, selling and regulating agencies in the functions of marketing.

*Ag. Eco. 473—Farm Management* *Credit 3 hours*

Economic factors involved in successful farm organization, cost accounting and farm records. The application of principles and their operations on a few selected farms. Prerequisite, Senior standing.

*Ag. Eco. 474—Farm Records and Accounts* *Credit 2 hours*

Cost accounts in the operation of a farm business. Prerequisite, Senior standing.

#### ANIMAL PRODUCTION

*A. P. 131—Breeds and Types* *Credit 3 hours*

Types and breeds of livestock. Breed selection for production and show.

*A. P. 132—Farm Meats (formerly Ag. 338)* *Credit 2 hours*

The slaughter and care of farm meats.

*A. P. 232—Farm Dairying* *Credit 2 hours*

The production and care of the dairy and dairy products.

*A. P. 233—Dairy Cattle* *Credit 3 hours*

Types, breeds and selection of dairy cattle.

*A. P. 330* *Credit 3 hours*

The digestion and metabolism processes in the animal body.

*A. P. 331* *Credit 3 hours*

Foodstuffs, growth requirements, and calculation of the nutrients in a ration.

*A. P. 337—Breeds and Types* *Credit 2 hours*

Breeds and types of horses, mules and beef cattle (Formerly 132).

*A. P. 430—Beef Cattle Production* *Credit 2 hours*

The care and management of beef cattle herd. Prerequisite Ag. 331.

*A. P. 432—Sheep Production* *Credit 2 hours*

Methods of growing and management of sheep. Prerequisite, Ag. 331.

*A. P. 434—Dairy Cattle Management* *Credit 2 hours*

Management of the dairy herd. Prerequisites, Ag. 231, 233, 331.

*A. P. 437—Swine Production* *Credit 2 hours*

A survey of the swine industry in general and detailed study of the system of management and feeding used in purebred and commercial herds; practice in fitting and exhibiting.

*A. P. 439—Animal Breeding* *Credit 2 hours*

Lectures and recitation on heredity, variation and correlation as applied to livestock breeding.

## POULTRY

*A. P. 141—Farm Poultry**Credit 2 hours*

Required of all agricultural students. The general principles of caring for the farm poultry flock. An introductory course for all agricultural students.

*A. P. 142—Farm Poultry**Credit 3 hours*

This will be a continuation of A. P. 141.

*A. P. 243—Hatchery and Chick Management**Credit 2 hours*

Principles of incubation and brooding. Embryology of the chick; hatchery operation and management. Inspection tours of commercial hatcheries and assembly plants.

*A. P. 341—Poultry Flock Management**Credit 2 hours*

Prerequisites, P. H. 203. The business of poultry farming, laying out and managing commercial farms. Visits to poultry farms in local areas.

*A. P. 441—Poultry Problems**Credit 2 hours*

Prerequisites, all poultry courses offered. Current developments in the poultry field.



## Division of Arts and Sciences

### OBJECTIVES

The Division of Arts and Sciences offers courses which are designed to give students a working knowledge of the physical, biological, and cultural aspects of man's environment.

The Division seeks to:

Provide service courses for students in the other divisions of the college.

Provide specific information in preparation for teaching in the various subject matter fields.

Provide pre-professional training.

Help students recognize their responsibility in group life.

Help students develop the cultural characteristics of educated men and women.

Provide opportunities for students to acquire knowledge and skill in various fields of interest.

Stress the importance of health.

The Division of Arts and Sciences includes the following departments of study: Art, Biological Sciences, Business Administration and Commerce, English and Foreign Languages, Mathematics, Music, Physical Education, Physical Sciences, and Social Sciences.

The work of the first two years consists essentially of a program of general education which affords the student an opportunity to acquire a background in the general fields of the natural and social sciences, mathematics, communication and literature, and to perfect the tools required in more advanced studies. The last two years are devoted to a considerable degree of concentration in a major field.

### Basic Requirements

English .....	12
Foreign Language .....	6-12
Mathematics .....	6
Natural Science .....	6
American History .....	3
American Government .....	3
Physical Education .....	4

### Pre-Professional Programs

The University provides pre-professional programs in the fields of dentistry, medicine, nursing, law, and in some other areas not listed. Those students who are interested in a pre-professional program should make this known to their advisors at the time of registration.

### **Major and Minor Requirements**

At the end of the sophomore year the student who has not already done so must select, with the advice and approval of the departmental head concerned and the Dean, a department as a major field of concentration and specialization. He must also select another department or departments for minor fields of concentration and specialization.

The work of the Junior and Senior years should be planned carefully, and the student should choose his courses only after conferring with his advisor.

A minimum of 120 hours excluding 4 of physical education is required for graduation.

The major and minor requirements are listed under each department of study.

The Bachelor of Arts Degree is awarded for completion of the curriculum in Art, English, Music, Social Sciences.

The Bachelor of Science degree is awarded for completing the curriculum in Biological Sciences, Business Administration, Commercial Education, Mathematics, Physical Education, Physical Sciences.

## DEPARTMENT OF ART

The Department of Fine Arts (drawing and painting) offers courses in the several branches of Fine Art, for the purpose of giving students a broad knowledge of appreciation and technical training in the Fine Arts.

### OBJECTIVES OF THE DEPARTMENT

#### I Drawing

- A. To familiarize with good construction.
- B. To increase skill and power of observation.
- C. To develop this type of memory.
- D. To acquire ability to criticize constructively.

#### II Lettering

- A. To see design in letter forms.
- B. To learn to execute easily correct letter forms and arrangements.
- C. To learn to create variations upon these forms that will fit in with designs for posters so that ideas may be adequately and forcefully expressed.

#### III Color and Design

- A. To use color harmoniously, developing an appreciation for color.
- B. To know colors, how to mix them and how to apply them.
- C. To see color, both as an aesthetic and as a physiological factor.
- D. To develop selective judgment in the choice of design, color, and construction.

#### IV Painting

- A. To develop proficiency and technique.
- B. To stimulate power in the fields of creative effort.
- C. A means of developing professional artists.

#### V History of Art

- A. The purpose of the History of Art course is to reveal to the public the beauty of nature and of the arts, so that he **may recognize and enjoy the world of beautiful things** about him and gain an appreciation of the finest, which will reflect beauty in his life and in his living.
- B. It aims to engender love of beauty.
  1. To develop good taste.
  2. To enrich life and train for leisure.
  3. To gratify the desire to create, and to encourage talent.

## VI Teacher Training

To prepare art teachers for elementary, junior and senior high school, and supervisors for the purpose of developing the field in creative efforts.

The Art Department gives professional training to supply the demands of teachers trained in arts and crafts, and their lines of work which parallel these courses, also to prepare students who plan to become professional artists or who plan to attend regular art schools for further preparation.

An Art Major must complete 30 hours of Art. Major required: 101, 102, 107, 205, 209, 301, 305, 309, 405, 313, 411, 413.

Electives 6 hours, making 30 hours.

Minor required: Minor in Art must complete 18 hours of Art. Required Courses: 101, 102, 107, 201, 205, 209, 301, 411, 413.

As partial fulfillment for A. B. Degree with major in Art, graduating Seniors must prepare one man exhibit.

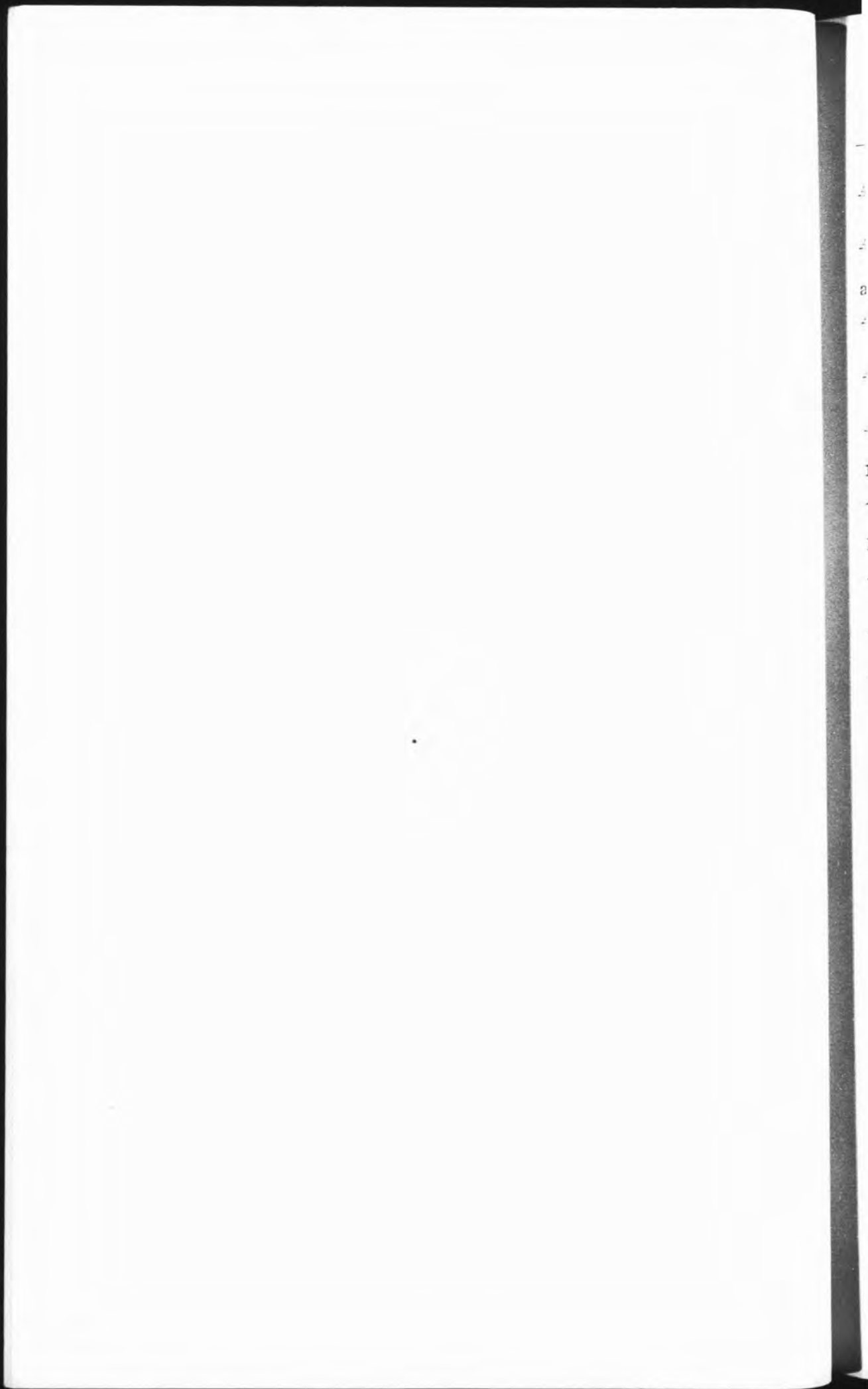
## DESCRIPTION OF COURSES

- Art 101A—Art Appreciation* *Credit 2 hours*  
 A study of the historic periods and art as applied to every day life.
- Art 101—Principles of Art* *Credit 2 hours*  
 A study of line forms and color through which principles of art structure will be studied.
- Art 102—Principles of Art (Continuation of 101)* *Credit 2 hours*  
 Prerequisite, 101.
- Art 107—Perspective* *Credit 2 hours*  
 Principles of perspective with the application of freehand drawing of interior and exteriors. Prerequisite 101.
- Art 201—Still Life* *Credit 2 hours*  
 Drawing and painting from still life gives the student an opportunity to become familiar with various mediums, as charcoal pencils, water color and oil as well.
- Art 205—Design* *Credit 2 hours*  
 A study of the principles of design and color theory and creative development. Prerequisite 101, 107.
- Art 207—Design* *Credit 2 hours*  
 Continuation of 205.
- Art 209—Poster* *Credit 2 hours*  
 A study of decorative space filling and lettering. Prerequisites, 101, 102, Lab. \$1.00.



SANFORD HALL—WOMEN'S RESIDENCE





- Art 211—Poster* *Credit 2 hours*  
Continuation of 209. Prerequisite 101, 102, Lab. \$1.00.
- Art 213—Anatomy* *Credit 2 hours*  
A study of the human figure with emphasis in the bone muscle action. Open Art, Physical Training Majors.
- Art 301—Water Color* *Credit 2 hours*  
Studies in still life, flowers, and decorative landscape.
- Art 303—Water Color* *Credit 2 hours*  
A continuation of 301. Prerequisite, 301.
- Art 305—Composition (Pictorial)* *Credit 2 hours*  
Theory of picture making (black, white, color). Prerequisite, 101, 102, 201, 205, 301.
- Art 307—Pottery.* *Credit 2 hours*  
Handbuilt tile, vase and other objects. Prerequisites 101, 102, 205. Lab. \$2.00.
- Art 309—Modeling and Sculpture* *Credit 2 hours*  
Prerequisite 307. Lab. \$2.00.
- Art 311—Applied Art* *Credit 2 hours*  
The application of design to wood, leather, metal and other decorative materials. Lab. \$2.00.
- Art 313—Landscape* *Credit 2 hours*  
A study of landscapes in watercolor; pastel and oil. Prerequisite 101, 205, 301, 303.
- Art 401—House Planning and Furnishing* *Credit 2 hours*  
A study of factors controlling the modern house planning and furnishing from an artistic point of view.
- Art 403—Interior Decoration* *Credit 2 hours*  
Continuation of 401. Prerequisite 101, 205, 207, 301.
- Art 405—History of Art* *Credit 2 hours*  
The cultural background of Western Europe to the Renaissance. Open to college students.
- Art 407—History of Art* *Credit 2 hours*  
The history of art from the Renaissance to the period of American painting.
- Art 409—History of American Art* *Credit 2 hours*  
A lecture course dealing with the background of American art.
- Art 411—Elementary Art (Education)* *Credit 3 hours*  
Projects in various media, paper cutting, block printing, finger painting, spatter, blackboard, chalk and crayon drawing.
- Art 413—High School Art (Education)* *Credit 3 hours*  
Study of and building types of lessons. Care and distribution of materials, tools, and art work.

## Department of Biological Sciences

The Department offers courses in biology for (1) pre-medical students and (2) those who wish work in biology for teaching careers in this field. The courses are organized to afford students the opportunity to gain such knowledge of plants and animals as belong to a general culture as well as provide for the needs of teachers.

### Requirements

A major in Biology requires at least 30 semester hours beyond the general course. The following courses are required: 151, 152, 251, 255, 256, and 451. Biology majors must also complete 30 semester hours in the physical sciences and/or in mathematics.

A minor in Biology requires at least 18 semester hours. The following courses are required: 151, 152, 251, 255, 256, and 451.

### Courses of Instruction

#### *Biol. 101—General Biology*

*Credit 3 hours*

An introductory course embracing the fundamental principles and methods of Biology as a liberal education. This course includes a consideration of cell structure, the basic principles of morphology, anatomy, physiology, embryology, genetics, evolution, and general survey of the plant and animal kingdoms. Lecture three hours per week. Laboratory two hours per week.

#### *Biol. 121—Survey of the Biological Sciences*

*Credit 4 hours*

A general science survey intended to give the student a clear perspective of the world in which he lives as interpreted by the biological sciences. Required of all prospective teachers. (Not offered 1948-1949)

#### *Biol. 151—General Zoology I*

*Credit 3 hours*

A lecture and laboratory course designed to serve the departmental majors and students preparing for medical school. The basic principles of nutrition, responsiveness and reproduction are covered and morphological basis is provided for the physiological development, and taxonomic principles. Lectures two hours per week. Laboratory four hours per week.

#### *Biol. 152—General Zoology II*

*Credit 2 hours*

A lecture and laboratory course in which attention is focused more sharply upon man, his bodily functions, his practical problems and his biological background. Time is devoted to a consideration of the various organ systems of the body, the emphasis varying so as not to repeat points covered in Zoology I. Lectures two hours per week, laboratory two hours per week.

#### *Biol. 251—General Botany*

*Credit 4 hours*

An introduction to the study of plants, structure, activities, modification and their economic importance. Emphasis is placed on the higher groups and some attention is given to classification of species. This

course includes laboratory experiments and outside references. Lectures two times per week. Laboratory four hours per week.

*Biol. 253—The Plant Kingdom* *Credit 3 hours*

The general study of the structure and function of plants. A survey of the entire plant kingdom. Representative plants from each phylum are studied as to their habitat, methods of reproduction, structure of parts and economic importance. Prerequisite: Biol. 251 or its equivalent.

*Biol. 255—Comparative Vertebrate Anatomy* *Credit 5 hours*

A study of the general features of the chordate development and a comparative study of the anatomy of vertebrates representing the classes of the sub-phylum vertebrata. The laboratory work consists of the dissection of a representative type of animal chosen from outstanding classes. Lectures three hours a week. Laboratory four hours per week. Prerequisite Biol. 151-152.

*Biol. 256—Mammalian Anatomy, Continuation of 255* *Credit 5 hours*

*Biol. 353—Human Anatomy* *Credit 3 hours*

An analysis of the structure, function, and inter-dependence of the organs of the human body. Prerequisites: Biol. 151, 152.

*Biol. 354—General Entomology* *Credit 4 hours*

An introductory course to the history and characteristics of representative group of insects. The study of the economic importance of the insects. Field and laboratory work. Students will be required to make a collection. Two lectures per week, laboratory four hours per week. Prerequisites, Biol. 100 or its equivalent in other biological sciences.

*Biol. 355—Parasitology* *Credit 4 hours*

Special emphasis on laboratory techniques, identification and study of parasites of local fauna. Post-mortem examinations will be performed upon various animals in the investigation of problems. Prerequisites, 151, 152.

*Biol. 356—General Bacteriology* *Credit 3 hours*

This course embraces a study of bacteriological technique and the physiological and classification of bacteria, yeast, and molds. Special attention is given to some of the pathogenic micro-organisms. Prerequisites, Biol. 151, 152, or Chemistry 101, 102. Two lectures and laboratory hours per week.

*Biol. 451—Physiology* *Credit 4 hours*

General consideration of the principles and methods of body functions. The course includes a study of interrelationships of organs, muscles, nerves, digestion, circulation and respiration. Prerequisites, Biol. 151, 152 and Chemistry 101, 102.

*Biol. 454—Genetics* *Credit 4 hours*

A critical study of fundamental laws of genetics including mutation, mendelism, linkage, sex linkage, lethal characters and many genetical readings in recent literature. Two hours of lectures and four hours of laboratory per week. Prerequisites, 151, 152, 251 or its equivalent.

## Department of Business Administration and Commerce

*B. A. 101—Elementary Typewriting* *Credit 3 hours*

This course covers a working knowledge of the use of all parts of the typewriter and the mastery of the keyboard by the touch method. Added emphasis is given to drill for speed accuracy in transcription of easy material from printed matter and shorthand notes.

*B. A. 102—Elementary Typewriting* *Credit 3 hours*

Continuation of 101.

*B. A. 111—Elementary Shorthand* *Credit 3 hours*

This course includes a study of word building and general principles outlined by the Gregg Shorthand manual, supplemented by Gregg Speed Studies. Emphasis is placed on the mastery of principles and the correct formation of characters and outlines.

*B.A. 112—Elementary Shorthand* *Credit 3 hours*

Continuation of 111.

*B. A. 201—Advanced Typewriting* *Credit 3 hours*

This is a course to develop personal skills. Work includes legal forms, letter writing, manuscript writing, stencil cutting, and tabulation. Prerequisite, B. A. 112.

*B. A. 211—Advanced Shorthand* *Credit 3 hours*

This course includes a study of word building and general principles outlined in the phrasing, daily dictation, and reading and transcription of notes. Emphasis is placed on accuracy and readiness in transcribing. Required of those who are planning to do secretarial work.

*B. A. 212—Transcription* *Credit 2 hours*

A study of the transcription of letters, reports, and business forms; development of proficiency in reading shorthand, writing shorthand, and transcribing shorthand notes. Prerequisite, B. A. 201.

*B. A. 213—Income Tax and Consolidations* *Credit 2 hours*

Accounts and statements of amalgamations, mergers, and holding companies. Problems based upon federal and Oklahoma income tax laws. Should be taken in the senior year by accounting or business administration majors.

*B. A. 302—Office Training and Filing* *Credit 2 hours*

Various methods of classifying and filing business correspondence. Laboratory in indexing and filing. Office procedure, ethics, and etiquette.



*B. A. 311—Business Organization and Finance* *Credit 3 hours*

A study of the various types of business organizations and a general survey of the methods used in financing business with special stress on corporations, their significance in modern economic life and corporation finance.

*B. A. 312—Investments* *Credit 2 hours*

An analysis of types of stock and bonds and of the issues of selected corporations. Prerequisite, 311.

*B. A. 305—Business English* *Credit 3 hours*

The object of this course is to give students an understanding of the service of communication to business, and to train students to use correct and forceful English for business purposes. A study is made of the principles of effective expression and their application to the various types of business writing, such as credit and collection letters, application letters, adjustment letters, sales letters and business reports.

*B. A. 351—Elementary Accounting* *Credit 3 hours*

A course designed to prepare the student with the necessary background to understand and interpret trial balances, financial statements, bookkeeping methods, etc. (Required of all students majoring in Business Administration and Commercial Education.)

*B. A. 352—Elementary Accounting* *Credit 3 hours*

Continuation of 351.

*B. A. 411—Business Law* *Credit 3 hours*

A study of the principles of contract, agency, negotiable instruments, and other important phases of law met in everyday business activities.

*B. A. 412—Business Law* *Credit 3 hours*

Continuation of 411.

*B. A. 413—The Management of Business and Industrial Personnel* *Credit 2 hours*

An analysis of the problems of the modern business and industrial organization with regard to the management of labor relations. The psychological aspects of labor relations, techniques of selection and placement of workers, maintenance of personnel, and joint relations and collective bargaining are discussed. Prerequisite B. A. 311.

*B. A. 421—Auditing* *Credit 3 hours*

General principles of auditing, including a detailed study of different kinds of audits. Should be taken in senior year.

*B. A. 422—Auditing* *Credit 3 hours*

Continuation of 421. A long practice problem is included.

*B. A. 451—Advanced Accounting* *Credit 3 hours*

This course is a study of advanced accounting theory. Students given opportunity to investigate accounting for installment sales and consignments. Study of basic principles and processes of compound interest in relation to sinking funds, annuities and bonds.

*B. A. 452—Advanced Accounting* *Credit 3 hours*

Continuation of B. A. 451.

*B. A. 453—Organization and Management of Small Retail Business* *Credit 2 hours*

A study of the organization and management and record-keeping as applied to a small retail concern. \*

*B. A. 454—Cost Accounting* *Credit*

Accounting for costs in manufacturing enterprises. Should be taken in senior year.

*B. A. 494—Methods in Teaching Commercial Subjects* *Credit 2 hours*

Theory of teaching typewriting, shorthand and other commercial subjects in high school.

**BUSINESS ADMINISTRATION****FRESHMAN YEAR**

(See Page 34.)

**SOPHOMORE YEAR***First Semester*

Eng. 204—English Composition	3
B. A. 230—Business Statistics	3
Eco. 201—Prin. of Economics	3
Hist. 202—U. S. History	3
Elective	3
P. E. 201—Sophomore Activities	1

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*Second Semester*

Eng. 212—Effect. Speech Mak.	3
Math. 221—Business Math.	3
Eco. 202—Prin. of Economics	3
Pol. Sci. 201—Amer. Governm't	3
Elective	3
P. E. 202—Sophomore Activities	1

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**JUNIOR YEAR**

B. A. 351—Elem. Accounting	3	B. A. 352—Elem. Accounting	3
Eco. 326—Money and Banking	3	Geog.	3
B. A. 101—Elementary Typing	3	Eco. 321—Labor Problems	3
B. A. 305—Business English	3	Elective	3
Elective	3	Elective	3

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**SENIOR YEAR**

B. A. 451—Advanced Accounting	3	B. A. 452—Advanced Accounting	3
B. A. 421—Auditing	3	B. A. 422—Auditing	3
B. A. 311—Business Organization	3	B. A. 411—Business Law	3
Electives	6	Electives	6

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**COMMERCIAL EDUCATION**

**FRESHMAN YEAR**

(See Page 34.)

**SOPHOMORE YEAR**

*First Semester*

Ed. 102—Ed. Psychology .....	3
B. A. 230—Business Statistics .....	3
B. A. 111—Elementary Shorthand..3	
Eco. 201—Prin. of Economics .....	3
B. A. 101—Elementary Typing .....	3
P. E. 201—Sophomore Activities ....1	

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*Second Semester*

Eng. 212—Effect. Speech Mak. ....3	
Math. 221—Business Math. ....3	
B. A. 112—Elementary Shorthand..3	
Eco. 202—Prin. of Economics .....	3
B. A. 102—Elem. Typing .....	3
P. E. 202—Sophomore Activities....1	

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**JUNIOR YEAR**

B. A. 351—Ele. Accounting .....	3
Ed. 201—Methods, Mgt., School	
Law .....	3
Social Science .....	3
B. A. 201—Advanced Typing .....	3
Eng. 305—Business English .....	3
Elective .....	2

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B. A. 352—Ele. Accounting .....	3
Ed. ....	3
Soc. Sci. ....	3
B. A. 211—Advanced Shorthand ...3	
Geo. 202—World Geography .....	3
Elective .....	2

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**SENIOR YEAR**

B. A. 451—Advanced Account'g.....3	
B. A. 494—Methods of Teaching...2	
B. A. 311—Business Organization..3	
Ed. 492 .....	2
B. A. 302—Office Training .....	2
Elective .....	3

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B. A. 452—Advanced Account'g.....3	
B. A. 453—Retail Acct. (Opt.).....2	
B. A. 411—Business Law .....	3
Ed. 493—Appr. Teaching .....	4
B. A. 212—Transcription .....	2
Elective .....	2

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## Department of English and Foreign Languages

### Objectives And Requirements

The major objectives of the department are to acquaint the student with the fundamental principles of grammar and composition; to give adequate training in the art of effective expression; to develop within the student a taste for and an understanding of the best there is in literature; to prepare the student to pursue advanced study in the field; and to offer courses required by other departments of the college.

For the purpose of classification, a placement test is given all freshmen at the beginning of the fall semester. Students who indicate by this test their inability to pursue the regular freshman English course are placed in special sections for which no college credit is given.

The major in English consists of twenty-four semester hours, not including the freshman and sophomore basic requirements of twelve semester hours.

Required courses for the English major are as follows: 301, 302, 403, or 427 and 423. Electives in the three or four hundred group to complete the required number of hours.

Students who wish to minor in English must complete eighteen semester hours including 101, 102, 223, 224; and six hours of electives in the three or four hundred group.

A final comprehensive examination is required of all English majors.

Students who desire to meet certificate requirements should make this known to advisor at the time of registration.

### Description Of Courses

*English 0—Grammar and Composition* *Credit 0*

A review course emphasizing spelling, work usage, and the elements of the sentence.

*English 101—English Composition* *Credit 3 hours*

Grammar reviews, recitations, themes, general expression, assigned reading. A study of the four forms of discourse with emphasis on expository writing.

*English 102—English Composition* *Credit 3 hours*

A continuation of 101. Prerequisite, 101.

*English 201—English Grammar* *Credit 3 hours*

A study of Advanced Grammar. Verb usage and sentence analysis are emphasized. Prerequisite, 101, 102. (Not offered in 1948-1949.)

*English 204—English Composition* *Credit 3 hours*

Instruction and practice in composition. Prerequisites, 101, 102.

*English 212—Effective Speech Making* *Credit 3 hours*

A study of the principles of effective delivery; voice, enunciation, pronunciation, force, posture, movement, gesture as well as rhetorical structure. Prerequisites 101, 102.

*English 223—English Literature* *Credit 3 hours*

An outline study of English Literature from Beowulf to Dryden. Prerequisites, 101, 102.

*English 224—English Literature* *Credit 3 hours*

A continuation of 223. From Dryden to the end of the 19th Century. Prerequisite, 223.

*English 301—American Literature* *Credit 3 hours*

A study of the chief American writers from Colonial times to 1860. Prerequisites, 223, 224.

*English 302—American Literature* *Credit 3 hours*

A continuation of 301. From 1860 to 1900. Prerequisites, 223, 224.

*English 303—Speech and Interpretation* *Credit 3 hours*

Basic training in phonetics and pronunciation; the discrimination and production of correct speech sounds. Analysis and oral reading of **different types of literature** to develop skill in interpretation; choral speaking technique. Prerequisite, six hours of English, Junior standing.

*English 304—Acting and Play Production* *Credit 3 hours*

Training in the art and principles of acting, rehearsal and directing technique. Laboratory problems, play presentation, costuming, make-up. Prerequisite, Junior standing or special permission.

*English 312—Argumentation and Debate* *Credit 3 hours*

Designed to give an adequate mastery of the public address, the art of persuasion and the principles of debating. Prerequisites, 101, 102, and Junior standing.

*English 317—Journalism* *Credit 2 hours*

Fundamentals of publicity for workers in the field of agriculture and home economics. Some attention given to the high school newspaper. Prerequisite, 101, 102, and Junior standing.

*English 403—Introduction to the English Drama* *Credit 3 hours*

A study of the origin and development of the English drama to the 19th Century. Shakespeare omitted. Prerequisite, 223, 224.



*English 423—Romantic Movement* *Credit 3 hours*

The rise and growth of romanticism from 1798 to 1824. Wordsworth, Coleridge, Scott, Byron, Shelly, and Keats will be studied in relation to the movement. Prerequisites, 223, 224.

*English 425—Victorian Poetry* *Credit 3 hours*

A study of the chief Victorian poets. Prerequisite, 223, 224.

*English 426—The Negro in American Literature* *Credit 3 hours*

A study of Negro authors and their contribution to American Literature. Prerequisite, Junior standing.

*English 427—Shakespeare* *Credit 3 hours*

The study of Shakespeare as poet and dramatist. Representative plays of each period are read. Prerequisite, 223, 224.

*English 428—The English Novel* *Credit 3 hours*

Representative novels from Austen to Conrad are read. Lectures, discussions, and reports. Prerequisite, 223, 224.

**FRENCH***M. L. 151—Elementary French* *Credit 3 hours*

Fundamentals of pronunciation sounds and sentence structure. Drills on French sounds as compared to English sounds.

*M. L. 152—Elementary French* *Credit 3 hours*

Pronunciation and sounds. Reading in elementary text, "Le Petit Journal." Elementary grammar. Prerequisite, 151.

*M. L. 251—Intermediate French* *Credit 3 hours*

Grammar, Syntax, Dictations, Compositions, Readings. Prerequisite, 152.

*M. L. 252—Intermediate French* *Credit 3 hours*

Grammar Review, Reading of some French Masterpieces. Magazines. Prerequisite, 251.

*M. L. 351—Advanced French* *Credit 3 hours*

Advanced Grammar. Advanced Compositions, Conversational French. Prerequisite, 252.

*M. L. 352—French Literature* *Credit 3 hours*

Rapid survey of French Literature from beginning to 19th Century. Analysis of some masterpieces.

**SPANISH***M. L. 131—Elementary Spanish**Credit 3 hours*

Designed to give the foundation for both reading and speaking Spanish. Pronunciation practice, vocabulary drill, and grammar fundamentals.

*M. L. 132—Elementary Spanish (Continuation of 131) Credit 3 hours*

For students who wish additional work in written Spanish and beginning work in oral Spanish. Review grammar and pronunciation. Exercises in grammar composition and pronunciation. Reading and translation of simplified Spanish classics.

*M. L. 231—Elementary Spanish Composition**Credit 3 hours*

For students who wish additional work in written Spanish and beginning work in oral Spanish. Review grammar and pronunciation. Exercises in grammar composition and pronunciation. Reading translation of simplified Spanish classics.

*M. L. 232—Elementary Spanish Composition**Credit 3 hours*

Continuation of 231. Objectives and method same. Added readers and weekly reading and discussion of current topics from a Spanish newspaper.

## DEPARTMENT OF MATHEMATICS

The Mathematics Department offers courses for students who need mathematics as a part of a liberal education, for students in other departments who need certain subject matter as a basis to study the specialized courses in those departments, for prospective teachers of mathematics in the Secondary Schools, and to prepare students to continue graduate work in other institutions.

A Major in Mathematics consists of thirty semester hours. The following courses are required: 101, 106, 204, 305, 306, 307, 310, and 413. Electives to complete required number of hours must meet the approval of the director.

A Minor consists of eighteen semester hours. It includes the following: 101, 106, 204, 305, 306, and three hours elective.

Math. 104 does not count on the major and minor sequence but it is required for certification unless it is offered as an entrance unit.

Courses designed for special requirements of other departments do not count on the major or minor sequences.

### Description of Courses

*Math. 100* *Credit 0*

The fundamental operations, special products, factoring, fractions, radicals, the linear equation in one variable, and simultaneous linear equations.

*Math. 101—College Algebra* *Credit 3 hours*

The theory of quadratic equations, systems of equations, logarithms, exponential and logarithmic equations, binomial theorem, progressions, permutations, combinations, and probability.

*Math. 102—Arithmetic for Elementary Teachers* *Credit 2 hours*

The meaning of the fundamental processes of arithmetic with methods of teaching in the elementary school.

*Math. 104—Solid Geometry* *Credit 2 hours*

Planes in space, loci, polyhedral angles, surfaces and volumes of geometric solids, spherical geometry.

*Math. 106—Plane Trigonometry* *Credit 3 hours*

The trigonometric functions, solution of triangles, logarithmic solutions, oblique triangles, identities, functions of the sum and difference of angles. Prerequisite 101.

*Math. 200—Agricultural Mathematics* *Credit 2 hours*

Principle of weights and measures. Computations and transformations of units, distance, volumes, and weights. Market and percentage calculations on farm commodities.

*Math. 204—Plane Analytical Geometry* *Credit 4 hours*

Cartesian co-ordinates, loci, the line, the circle, and conic sections. Co-ordinate transformations, tangents, normal and polar co-ordinates. Prerequisite, 106.

- Math. 221—Business Mathematics* *Credit 3 hours*  
Interest, periodical payments, graphs, and statistics.
- Math. 230—The Fundamentals of Statistics* *Credit 3 hours*  
An elementary course for students in other fields.
- Math. 305—Differential Calculus* *Credit 4 hours*  
Differentiation of algebraic and transcendental functions with applications. Parametric equations, differentials, curvature. Prerequisite, 204.
- Math. 306—Integral Calculus* *Credit 4 hours*  
General methods of integration, and applications of the definite integral. Prerequisite, 305.
- Math. 307—Integral Calculus* *Credit 3 hours*  
A continuation of Calculus II. Further applications of the definite integral, power series, expansion of functions into series with applications. Definition and meaning of ordinary partial derivatives; hyperbolic functions; multiple integrals. An introduction to differential equations. Prerequisites, 305 and 306.
- Math. 308—Vector Analysis* *Credit 3 hours*  
A study of the algebra and calculus of vectors. Partial differential operators. The use of vector methods in industrial engineering. Applications to electrical theory, dynamics, mechanics, and hydrodynamics. Prerequisites, Differential and Integral calculus.
- Math. 310—Theory of Equations (Higher Algebra)* *Credit 3 hours*  
Complex numbers, roots of polynomial equations, the cubic and quartic equations, determinants, systems of linear equations. Prerequisite, 305.
- Math. 315—Solid Analytical Geometry* *Credit 3 hours*  
Co-ordinate systems in space, the plane, the line, the sphere, forms and classification of quadric surfaces. Prerequisite, 305.
- Math. 400—Seminar in Mathematics* *No Credit*  
Seminar includes detailed reports on selected high level topics in both theoretical and applied mathematics. Students majoring in the department are required to report on at least one topic of a moderate degree of difficulty as a demonstration of their resourcefulness, ability, and achievement in the field of mathematics. Required of all majors in the department.
- Math. 401—Mathematical Statistics* *Credit 3 hours*  
The algebraic development of formulas used in statistical methods, frequency curves, curve fitting, correlation, and probability. Prerequisite, 306.
- Math. 403—College Geometry* *Credit 3 hours*  
Geometric constructions, similar and homothetic figures. Properties of triangles, the nine point circle, the Simson line, harmonic properties of circles. Junior standing.
- Math. 413—Differential Equations* *Credit 3 hours*  
Equations of the first order, singular solutions. Linear equations with constant coefficients; linear equations of the second order. Exact equations, total differential equations. Applications. Prerequisite, 306.

## DEPARTMENT OF MUSIC

### General Information

Music should play an important part in college life; not as an isolated program of studies for a small group of students, but as a subject well integrated into the curriculum and the atmosphere of the university. The department of music offers four major objectives:

1. A four year curriculum for those who wish to major in music with a broad background in the division of Arts and Sciences.
2. Cultural courses and participation groups for students in other fields.
3. A state approved curricula for professional training, executants, and other aspects of music teaching.
4. A development throughout the college of a love and appreciation for the best in music.

The student may choose one of the following subjects in music for his major: piano, voice, public school music (vocal or instrumental). Instruction in voice, piano, and other instruments is given in private lessons. All theory subjects are taught in classes.

### Preliminary Musical Training

Applicants for freshmen standing in the four year music curriculum must pass an examination over certain requirements, which are as follows:

Piano Majors: A degree of proficiency in the fundamentals of piano technique and in playing the easier classics.

Voice Majors: A voice of good quality, ability to sing in time and in tune, along with some knowledge of musical notation.

Other Instrumental Majors:

A practical knowledge of the fundamental technique of playing the instrument in the study of which the student desires to major, and a degree of proficiency in the playing of the easier classics written for that instrument.

### Major and Minor Requirements

The degree of Bachelor of Arts with major in music is offered for the completion of 124 semester hours in the prescribed curriculum of piano, voice, instrumental or school music; the minimum music requirement for the music degree in public school or music education is 48 hours. All majors in applied music must have at least 60 hours.



Twenty-two semester hours are required for a minor in the department, of which nine must be in applied courses. The minor is offered with emphasis on piano, voice, school music or instrument.

### **Other Requirements**

All students majoring or minoring in public school music are required to have at least six hours in voice before graduation.

All students majoring or minoring in music are required to participate in vocal and instrumental organizations.

All music majors are required to attend and participate in weekly seminars held at the music studio. The university students, faculty, and visitors have a standing invitation to attend our seminars every Wednesday at 3:30 P. M.

### **Recitals and Concerts**

A recital program of serious content and difficulty properly balanced with classic and modern selections is required of all music majors. The recital program of a piano major must consist of a concerto from a major composer in addition to other selected material approved by his instructor. The recital program of a voice major must consist of selections taken from the Oratorios or Operas, in addition to other standard material selected by his instructor. The recital program of Public School Music may compare in every respect to the quality of those programs required of piano and voice majors. The recital is expected to be given in the major applied instrument. In any case the major instrument may be piano, voice, violin, clarinet, trumpet, or some other orchestral or band instruments.

In addition to concerts given by various ensemble organizations, the department of music schedules a number of student recitals which offer excellent opportunities for individual performance. All music majors are required to attend all recitals.

### **Organizations**

The University Choir, The Mixed A Capella Singers, Male Chorus, Female Chorus, University Ladies' Quartette, University Men's Quartette, University Band, and University Orchestra offer excellent opportunities for music participation and expression, and are under the direction of instructors in the department. Upon certification of the head of the department of music, one half hour's credit in University Choir or Band is allowed for membership and creditable participation in the University Choir or Band.

The Music Education Club endeavors to present lectures in the liberal arts field and relative sciences whose rich experiences can contribute to music and music education. Freedom of expression and discussion is encouraged with emphasis for the sake of the student's personal interest, and in order that he may be a good teacher.

## CURRICULA

**Music Education or Public School Music  
(Instrumental)**

## FRESHMAN YEAR

(See Page 34.)

## SOPHOMORE YEAR

String Instrument 151 .....	0	String Instrument 152 .....	2
Music 1P1—Piano .....	0	Music 1P2—Piano .....	0
Music 1T1—Harmony .....	4	Music 1T2—Harmony .....	4
Eng. 223—English Literature .....	3	Ed. 102—Ed. Psychology .....	3
Ed. 201—General Methods .....	3	Eng. 224—English Literature .....	3
Major Instrument 251 .....	3	Major Instrument 252 .....	3
PE 201—Sophomore Activities .....	1	PE 202—Sophomore Activities .....	1

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## JUNIOR YEAR

Music 1C1—Conducting .....	2	ML 152—French .....	3
Music 2P1—Piano .....	2	Music 2P2—Piano .....	3
Music 1H1—Music History .....	2	Music 1H2—Music History .....	2
Music 2T1—Adv. Harmony .....	2	Ed. 222—Adol. Psychology .....	3
Brass Instrument 151 .....	3	Woodwind Instrument 152 .....	3
Soc. Sci. 207—Okla. History .....	2	Ed 1F1—Methods .....	3
ML 151—French .....	3		

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## SENIOR YEAR

Music 141—Instrum. Methods .....	2	Ed. 493—App. Teaching .....	4
Ed. 492—Observation .....	2	Ed. 314 or 424 .....	3
Music 301—Orchestration .....	2	Major Instrument 352 .....	3
Major Instrument 351 .....	3	Orchestration 302 or 1E2 .....	3
Ed. 450—Principles .....	2	ML 252—French .....	3
ML 251—French .....	3	Major Performance .....	0

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Note: "Instruments, Violin, Brass, and Woodwind of the above will be taught in classes, with the exception of the one designated as a major instrument."

**Music Education or Public School Music  
(Vocal)**

## FRESHMAN YEAR

(See Page 34.)

## SOPHOMORE YEAR

Music 1T1—Harmony .....	4	Music 1T2—Harmony .....	4
Music 2V1—Voice .....	2	Music 2V1—Voice .....	2
Music 1P1—Piano .....	0	Music 1P2—Piano .....	0
Eng. 223—English Literature .....	3	English 224—English Lit. .....	3
Ed. 201—General Methods .....	3	Ed. 102—Ed. Psychology .....	3
PE 201—Sophomore Activities .....	1	PE 201—Sophomore Activities .....	1
ML 151—Foreign Language .....	3	ML 152—Foreign Language .....	3

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RESIDENCE HALLS FOR MEN



JUNIOR YEAR

Music 3V1—Voice .....	2	Music 3V2—Voice .....	2
Music 1H1—Music History .....	2	Music 1H2—Music History .....	2
Music 2P1—Piano .....	2	Music 2P2—Piano .....	2
Music 2T1—Harmony .....	2	Ed. 222—Adol. Psychology .....	3
Music 1E1—Music Education .....	3	Ag. 105—General Agriculture .....	2
ML 251—Foreign Language .....	3	Soc. Sci.—207, Okla. History.....	2
String Instruments 151 .....	2	ML 252—Foreign Language .....	3
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SENIOR YEAR

Music 1C1—Conducting .....	2	Music 131—Choral Arrangement..	2
Music 4V1—Voice .....	2	or Music 301	
Ed. 492—App. Teaching .....	2	Ed. 493—App. Teaching .....	4
Ed. 450—Principles of Sec. Ed. ....	2	Senior Recital .....	2
Music 3P1—Piano .....	2	Electives (teaching) .....	6
Music 121—Voice Methods .....	2	Music 3P2—Piano .....	2
Teaching Elective .....	3		<hr/>
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**Piano Major Course**

FRESHMAN YEAR

(See Page 34.)

SOPHOMORE YEAR

Music 1T1—Harmony .....	4	Music 1T2—Harmony .....	4
Music 2P1—Piano .....	4	Music 2P2—Piano .....	4
PE—Sophomore Activities—201 ..	1	PE 202—Sophomore Activities .....	1
Ed. 201—General Methods .....	3	Ed. 102—Ed. Psychology .....	3
Eng. 223—English Literature .....	3	Eng. 224—English Literature .....	3
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JUNIOR YEAR

Music 3P1—Piano .....	4	Music 2P2—Piano .....	4
Music 2T1—Advanced Harmony....	2	Music 2T2—Counterpoint .....	3
ML 151—Foreign Language .....	3	ML—152—Foreign Language .....	3
Soc. Sci. 207—Okla. History .....	2	Ed. 222—Adol. Psychology .....	3
Ag. 105—General Agriculture .....	2	Music 1H2—Music History .....	2
Music 1H1—Music History .....	2		<hr/>
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	15		



## SENIOR YEAR

Music 4P1—Piano .....	4	Music 4P2—Piano .....	2
Ed. 402—App. Teaching .....	2	Music 1C1—Conducting .....	2
Music 301—Orchestration .....	3	Ed. 493—App. Teaching .....	4
Music 1E1—Music Education .....	3	Senior Recital .....	2
ML 251—Foreign Language .....	3	ML 252—Foreign Language .....	3
		Music 1E2—Music Education .....	3

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## Voice Major Course

## FRESHMAN YEAR

(See Page 34.)

## SOPHOMORE YEAR

Music 1P1—Piano .....	0	Music 1P2—Piano .....	0
Music 1T1—Elemen. Harmony .....	4	Music 1T2—Elemen. Harmony .....	4
Music 2V1—Voice .....	4	Music 2V2—Voice .....	4
ML 151—Foreign Language .....	3	ML 152—Foreign Language .....	3
PE 201—Sophomore Activities .....	1	PE 202—Sophomore Activities .....	1
Ed. 201—General Methods .....	3	Ed. 102—Ed. Psychology .....	3

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## JUNIOR YEAR

Music 3V1—Voice .....	4	Music 3V2—Voice .....	4
Music 2T1—Advanced Harmony .....	2	Music 2T2—Counterpoint .....	2
Eng. 223—English Literature .....	3	Eng. 224—English Literature .....	3
Music 2P1—Piano .....	3	Music 2P2—Piano .....	3
ML 251—Foreign Language .....	3	ML 252—Foreign Language .....	3
Music 1H1—Music History .....	2	Music 1H2—Music History .....	2

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## SENIOR YEAR

Ed. 1E1 .....	3	Music 4V2—Voice .....	4
Music 4V1—Voice .....	4	Ed. 1E1 .....	3
Music 1C1—Conducting .....	2	Music (Senior Recital) .....	2
Ed. 450—Prin. of Sec. Ed. .....	2	Ed. 493—App. Teaching .....	4
Ed. 314 or 424 .....	3	Music 121 (Voice Methods) .....	3
Ed. 492—App. Teaching .....	2		

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## DESCRIPTION OF COURSES

## Music Theory

*Music 1S1—Sight-Singing* *Credit 2 hours*

A study of the fundamentals of music including the recognition and use of the seven clefs, notation and the development of a rhythmic feeling. Students are expected to voice all intervals in the major scale and sight-sing simple songs. Class meets two times a week.

*Music 1S2—Sight-Singing* *Credit 2 hours*

Continued study in the fundamentals of music including the spelling and writing of major and minor chords and the development of a feeling for more complex rhythm. Students are expected to voice all intervals and sing music of moderate difficulty at sight.

*Music 1T1—Harmony* *Credit 4 hours*

A study of chord combinations and simple part-writing as a foundation for advanced work in the several styles of original composition. The study includes intervals, scales, triads, dominant seventh chords, and embellishments.

*Music 1T2—Harmony* *Credit 4 hours*

Continuation of first semester harmony, through modulation, secondary and leading-tone chords of the 7th, chords of the 9th, 11th, and 13th. Prerequisite 1T1.

*Music 2T1—Harmony* *Credit 2 hours*

An intensive study of chromatically altered chords, the Neapolitan sixth, augmented chords and their inversions, types of embellishments, and melodic and ornamental devices extended to approach contrapuntal harmony. Accompaniment writing to assigned and original melodies. Prerequisite 1T2.

*Music 2T2—Counterpoint* *Credit 3 hours*

A thorough study of the techniques involved in the mastery of writing the perfect melody, its harmonic associations, with other correctly written melodies, and their independence. Assignments written in the various species in two, three, four and five parts. Prerequisite 2T1.

*Music 3T1—Advanced Counterpoint* *Credit 3 hours*

Double counterpoint, imitations, sequences, canons. The inventions and fugues in two, three, and four parts. Prerequisite 2T2.

*Music 1F1—Music Form and Analysis* *Credit 2 hours*

A study of the structure and aesthetic content of music from the singled note through the various homophonic forms to the compound.

*Music 1F2—Music Form and Analysis* *Credit 2 hours*

A continuation of Music 1F1.

### Music Education

*Music 1E1—Music Methods for the Elementary School*      *Credit 3 hours*

This course is designed to acquaint the students with materials and methods for elementary grades, the selection and presentation of rote songs, the child voice in singing, and treatment of the unmusical child; development of rhythmic and melodic expression; introduction of staff notation; direct listening, the tonal and rhythmic problems common to the first six years.

*Music 1E2—Music Methods for Junior and Senior High Schools*      *Credit 3 hours*

*Music 132—Choral Arranging*      *Credit 3 hours*

A continuation of 131.

*Music 131—Choral Arranging*      *Credit 3 hours*

A study of the principles underlying arrangements for choral groups of various types. The student is required to make several arrangements. Prerequisite, 9 hours Harmony, 2 hours Counterpoint.

*Music 301—Orchestration*      *Credit 2 hours*

A course in the study of the history and development of instruments for orchestra and band. With special emphasis upon their peculiarities and limitations. The student will be required to score for these instruments in various combinations and groupings. Prerequisites, 9 hours of Harmony, 2 hours Counterpoint.

*Music 302—Orchestration*      *Credit 2 hours*

A continuation of 301 in addition to scoring works for full size bands and orchestras.

*Music 1C1—Conducting*      *Credit 2 hours*

A study in conducting with special emphasis placed on the use of the baton in directing choral and instrumental groups. Special attention is given to the practice of score reading and the interpretative demands upon the conductor.

*Music 1C2—Conducting*      *Credit 2 hours*

A continuation of 1C1. (This course is offered to Music Majors only. Other students must consult the office of the Department of Music.)

*Music 1M1—General Music Study*      *Credit 2 hours*

A course to be of interest to in-service teachers who desire a basic knowledge of music for purposes incidental to their work. (Offered during the summer.)

*Music 121—Vocal Music Methods*      *Credit 2 hours*

This course is designed to acquaint the student thoroughly with the latest of vocal methods advocated by various authorities.

*Music 122—Vocal Music Methods* *Credit 2 hours*  
Continuation of 121.

*Music 141—Instrumental School Music Methods* *Credit 2 hours*  
A course designed to acquaint the student thoroughly with the latest of instrumental methods advocated by various authorities. (Prerequisites, 9 hours Harmony, 3 hours Counterpoint.)

*Music 142—Instrumental School Music Methods* *Credit 2 hours*  
Continuation of 141.

*Music 402—Piano Accompaniment* *Credit 2 hours*  
A course designed to train pianist in accompanying solos and group performances.

### Musicology

*Music 1A1—Music Appreciation* *Credit 2 hours*  
A discussion and recognition of the simpler forms of music and lives of the composers, lectures supplemented by musical illustrations and Phonograph recordings.

*Music 1A2—Music Appreciation* *Credit 3 hours*  
A discussion and recognition of the larger forms of music and the lives of the composers, with intensive analysis and study of the symphonies, sonatas, overtures, concertos, etc. Prerequisite 1A1.

*Music 1H1—Music History* *Credit 2 hours*  
A study of the history of music from its origin to the time of Bach. This includes all phases of musical development, such as the scales, church music, secular music, opera and oratorio, and a study of the lives of men who influenced its development.

*Music 1H2—Music History* *Credit 2 hours*  
A study of the history of music from Bach to modern times. This course deals with composers and artists of a later date and with the culmination of many of the first course. Prerequisite 1H1.

### Applied Music

*Music 1P1—Piano* *Credit 0 hours*  
Czerny-velocity studies, Heller Studies, Bach-Two part inventions, Mozart-Easiest Sonatas and Mendolssohn-Songs Without Words, Henon's Virtuoso. (The student may received credit if he or she has the proper background.)

*Music 1P2—Piano* *Credit 0 hours*  
Continuation of first semester Piano. Prerequisite 1P1.

*Music 2P1—Piano* *Credit 2—4 hours*  
Czerny studies, Opus—Three Part Inventions, Hanon's Virtuoso complete, Mozart and Beethoven Sonatas equivalent in grade of difficulty to Opus 10. No. 1, and Opus 4, No. 1, other selected classical romantic pieces of equivalent difficulty.



- Music 2P2—Piano* *Credit 2—4 hours*  
Continuation of the first semester piano. Prerequisite 2P1.
- Music 3P1—Piano* *Credit 2—4 hours*  
Clementi-Gradus ad Parnassum, Bach's-Well Tempered Clavichord, Hanon's Virtuoso complete: Sonatas equivalent in difficulty to the works in the first period of Beethoven's works. Selected romantic and modern pieces of equivalent difficulty. Prerequisite Music 2P2.
- Music 4P1—Piano* *Credit 2—4 hours*  
Hanon's Virtuoso complete: Chopin-Etudes; Beethoven's Sonatas of the last period or others of equivalent difficulty. Other classic, romantic and modern pieces of suitable grade of difficulty.
- Music 4P2—Piano* *Credit 2—4 hours*  
Continuation of first semester piano, intensively added material of the desired grade of difficulty. Prerequisite Music 4P1.
- Music 1V1—Voice* *Credit 2—4 hours*  
A study of Voice fundamentals. The correct physical and mental poise. Principles of breathing and breath control. Study of vowels and the essentials of tone production, and such vocal exercises as may be found necessary. Simple Folk and English songs.
- Music 1V2—Voice* *Credit 2—4 hours*  
Continuation of first semester voice. Prerequisite 1V1.
- Music 2V1—Voice* *Credit 2—4 hours*  
Studies in diatonic and chromatic scales, a singing legato, staccato, triplets, simple trills, and other types of vocal embellishments. Songs requiring a more advanced technique, as the old classics of Handel, Mozart, Schubert, etc. Negro Folk and English songs. Prerequisite 1V2.
- Music 2V2—Voice* *Credit 2—4 hours*  
Continuation of first semester voice. Prerequisite 2V1.
- Music 3V1—Voice* *Credit 2—4 hours*  
Studies for the maximum flexibility and velocity. Various chromatic examples from Operas and Oratorios. Fundamentals in style and expression appropriate to periods. Italian, French, and German Classics as well as Negro Folk and English songs. Prerequisite, Music 2V2.
- Music 3V2—Voice* *Credit 2—4 hours*  
Continuation of first semester voice, with special emphasis on the recitative, lyric, and dramatic examples from additional operas and oratorios. Prerequisite, Music 3V1.
- Music 4V1—Voice* *Credit 2—4 hours*  
A more intensified study of the materials of the preceding year. Prerequisite, Music 3V2.
- Music 4V2—Voice* *Credit 2—4 hours*  
Continuation of first semester's voice. Prerequisite, Music 4V1.  
Chorus: Will be numbered 101, 102, 201, 202, 301, 302, 401, 402.  
Band Instruments: Will be numbered 151, 152, 251, 252, 351, 451, 452.  
The instrument will be designated by name. (Example—Trumpet 151, etc.)



## Department of Physical Education and Health

The physical education and health department has a curriculum so designed to serve all students of the university. In addition to the required courses for freshmen and sophomores, courses are available to students who are particularly interested in and adapted to the field. Students are prepared to occupy positions as teachers of physical education, athletic coaches, and playground supervisors.

### Essential information:

1. Freshmen and sophomores are required to take Physical Education 101-102 and 201-202.
2. Appropriate uniforms are required of all. Women: romper suit, socks, and rubber soled shoes. Men: white athletic shirt, shorts, athletic supporter, athletic socks, and gymnasium shoes.
3. Excuse from required physical education because of physical disability is granted by the university physician only.
4. Students who are minoring in physical education must complete at least eighteen hours work above the general freshman and sophomore courses, i. e. 101, etc. The following courses are required: Physical Education 103, 210, 313, 314, 410. Women: 334-335 and 336 or 421. Men: 330-331, and 320 or 321. Biol., 353.

### Description of Courses

*Physical Ed. 101-102—Freshmen Activities* *Credit 2 hours*

These courses require activity throughout the year in games and sports according to season. Two periods per week.

*Phy. Ed. 103—Personal Hygiene* *Credit 2 hours*

A study of how all parts of the body should be cared for. Health practices and methods used in eliminating the chances of contracting diseases are discussed. Two periods per week.

*Phy. Ed. 201-202—Sophomore Activities* *Credit 2 hours*

Fundamentally the same as 101-102. Improved body coordination and skill development are sought in team and individual sports. Two periods per week.

*Phy. Ed. 203-204—Physical Ed. Practice (minors only)* *Credit 2 hours*

Advanced techniques in game participation and regulations governing same. Two periods per week. One hour credit each semester.

*Phy. Ed. 210—First Aid* *Credit 2 hours*

How to render "immediate temporary treatment" to injured or ill persons in the absence of a physician. The American Red Cross Manual is the basic guide for the course. Two periods per week.

*Phy. Ed. 211—Health Education* *Credit 2 hours*

A study and evaluation of modern health practices. Two periods per week.

*Phy. Ed. 212—Introduction To Physical Education* *Credit 2 hours*

An orientation course covering the historical background and present concepts. Two periods per week.

*Phy. Ed. 313—History and Principles of Physical Education*  
*Credit 3 hours*

The growth of physical education and the various principles involving the relationship with general education. Three periods per week.

*Phy. Ed. 314—Secondary School Methods* *Credit 2 hours*

**Various teaching devices and subject matter material** used in teaching physical education in the secondary school.

*Phy. Ed. 320—Football Coaching (M)* *Credit 2 hours*

The methods, strategy, and tactics used in coaching a football team. Discussions on diet, training, purchase and care of equipment, and scouting. Two periods per week.

*Phy. Ed. 321—Basketball Coaching* *Credit 2 hours*

The fundamentals of individual and team play; various offensive and defensive styles of play. Two periods per week.

*Phy. Ed. 322—Track and Field Coaching (M)* *Credit 2 hours*

The techniques involved in all events and how to conduct a track and field meet. Two periods per week.

*Phy. Ed. 330-331—Seasonal Activities (M)* *Credit 3 hours*

Participation in indoor and outdoor sports with emphasis placed on the recreational values. Three periods per week. (1½ hours credit per semester.)

*Phy. Ed. 332—Elementary Gymnastics (M)* *Credit 2 hours*

Individual and group exercises on apparatus and mats. The development of body coordination and muscle efficiency. Four periods per week.

*Phy. Ed. 333—Officiating Women's Sports* *Credit 2 hours*

Knowledge and interpretation of rules governing athletic games engaged in by women. Two periods per week.

*Phy. Ed. 334-335—Seasonal Activities (W)* *Credit 3 hours*

Practice and techniques of sports in season. Teaching procedures and rule interpretations. Three periods per week. (1½ hours credit per semester.)

*Phy. Ed. 336—Rhythms and Dances (W)* Credit 1 hour

An activity course of folk and modern dances plus methods and the development of rhythm patterns. Two periods per week.

*Phy. Ed. 410—Organization and Administration of Physical Education*  
Credit 2 hours

How to establish and conduct a physical education program; care of fields, gymnasias, and equipment, handling finances, and organizing intra-mural programs. Two periods per week.

*Phy. Ed. 411—Recreational Leadership* Credit 2 hours

The organization and administration of recreational programs in schools and communities. Qualifications for leaders and procedures used. Two periods per week.

*Phy. Ed. 414—Safety Procedures in Physical Education,  
Athletics and Recreation* Credit 2 hours

A study of the accident problem in schools, the nature of accidents, occurrence, and methods of prevention. Two periods per week.

*Phy. Ed. 415—Football and Basketball Officiating (M)* Credit 2 hours

Rules governing these games with interpretations. Practice work with varsity teams. Two periods per week.

*Phy. Ed. 418—Coaching Women's Sports* Credit 2 hours

Methods in coaching teams in soccer, field hockey, basketball, volley ball, and soft ball. Two periods per week.

*Phy. Ed. 419-420—Senior Physical Practice (M-W)* Credit 3 hours

Individual and team activities are engaged in with emphasis on recreational values to be derived. Three periods per week. (1½ hours credit per semester.)

*Phy. Ed. 420—Tap Dancing and Tennis* Credit 1 hour

Fundamental steps and routines; tennis fundamentals. Two periods per week.

## Department of Physical Sciences

### Chemistry

A study of chemistry is essential to a better understanding of the processes of nature and the practices of agriculture, home economics and industrial arts. The employment of the basic principles involved in chemistry and physics helps to advance all fields, including the social sciences. Chemistry is a prerequisite to many other science courses.

The purpose of the courses in chemistry are, therefore, (1) to provide a sound fundamental knowledge of chemistry for chemistry majors and minors, (2) to provide pre-professional training for the fields of medicine, dentistry, pharmacy and related courses, (3) to give the background necessary for successful science teaching in educational institutions and (4) to enable students to comprehend and use chemistry in the solution of problems in industrial arts, agriculture and home economics.

Students majoring in chemistry are required to complete the following courses or their equivalent, 111, 112, 113, 211, 212, 311, 312, 413, 423, and 441. Chemistry majors are also required to complete 30 semester hours in two of the following: biology, physics and mathematics.

Students minoring in chemistry must take 111, 112, 113 and electives above 200 to complete the required number of hours.

### Description of Courses

*Chemistry 101—Elementary General Chemistry* *Credit 3 hours*

For students enrolled in agriculture, home economics and industrial arts, two lecture and two hours in laboratory work per week.

*Chemistry 102—Continuation of Chemistry 101* *Credit 3 hours*

*Chemistry 111—General Chemistry* *Credit 3 hours*

For chemistry majors and minors. Two hours laboratory work per week and two hours lecture per week.

*Chemistry 112—General Chemistry* *Credit 3 hours*

Three lectures and four hours of laboratory work per week.

*Chemistry 113—Qualitative Analysis* *Credit 2 hours*

Required of majors and minors. A systematic investigation of the more common cations and anions, with emphasis on the theoretical considerations. Four hours of laboratory work per week.

*Chemistry 211—Quantitative Analysis* *Credit 4 hours*

Two lectures and 4 hours of laboratory work per week.

*Chemistry 212—Continuation of Chemistry 211* *Credit 4 hours*

*Chemistry 311—Organic Chemistry* *Credit 5 hours*

Three lectures and 4 hours laboratory work per week.

*Chemistry 312—Continuation of Chemistry 311* *Credit 5 hours*



*Chemistry 311A—Organic Chemistry* *Credit 3 hours*

For home economics students. Two lectures and 2 hours laboratory work per week.

*Chemistry 312A—Food Chemistry* *Credit 3 to 5 hours*

Two lectures and 8 hours laboratory work per week. The course includes an analysis of milk, butter, flour and other food products. Not offered 1948-49.

*Chemistry 413—Physical Chemistry* *Credit 4 hours*

Two lectures and four hours of laboratory work per week. Prerequisites; Chemistry 212, Physics 221, 222, Math. 305.

*Chemistry 423—Continuation of Chemistry 413* *Credit 4 hours**Chemistry 423A—Physiological Chemistry* *Credit 3 hours*

Prerequisite; Chemistry 312. Not offered 1948-1949.

*Chemistry 433A—Biochemical Analysis* *Credit 3 hours*

One lecture and four hours of laboratory work per week. Prerequisite: Chemistry 212 and 312.

*Chemistry 441—Introduction to Chemical Research* *Credit 1 hour*

This course is only for senior chemistry majors. The student must write a comprehensive paper on a selected topic and may also do a small research problem.

### Physics

*Phys. 221—Mechanics, Heat and Sound* *Credit 3 hours*

Lectures and laboratory on the general principles involved. Prerequisite Math. 106.

*Phys. 222—Electricity, Magnetism and Light* *Credit 3 hours*

Lectures and laboratory on the general principles involved. Prerequisite, Math. 106.

*Phys. 301—General Laboratory* *Credit 3 hours*

Experimental physics designed to give the student an experimental technique. Prerequisite, Physics 221, 222.

*Phys. 322—Household Physics* *Credit 3 hours*

For Home Economics students. Physics of the household.

### Physical Science Survey

*Phys. Sci. 122—Survey of the Physical Sciences* *Credit 4 hours*

A study of essential laws of the physical sciences and their applications to present-day living. Emphasis is placed upon the study of astronomy, physics, and chemistry in the bearings on every day living. Required of all prospective teachers. Not offered 1948-1949.



## Department of Social Sciences

The Social Science Department includes the subject fields of history, sociology, political science, philosophy, geography, and economics.

The courses and facilities of this department are designed (1) to give a background in the social sciences and their relation to the problems of the contemporary works; (2) to train teachers and investigators for the work of instruction and research; and (3) to assist in the acquisition of a "Problem Conscious Attitude" towards contemporary social problems and to create the desire to exert influence in their solution.

### HISTORY

#### Requirements for the Major or the Minor in History

The major in History consists of 30 semester hours in history including credits earned in the two basis courses—History of Civilization, and United States History. Eighteen semester hours must be for history courses numbered 300 and above. Majors in History must present at least 3 semester hours credit in each of the following fields of study: Economics, Philosophy, Political Science, and Sociology.

The minor in History consists of at least 9 semester hours for history courses numbered 300 and above.

Majors and minors in History must present credits for the following courses in History: 101, 102, 202, 203, 207, 303, and 400.

#### Description of Courses

*History 101—History of Civilization* *Credit 3 hours*

A survey of the movements and institutions that have contributed most to our present-day civilization. The course makes a general sweep of the period from prehistoric times to the present. Particular emphasis is placed on the political, social, economic, artistic, religious, and scientific development of man.

*History 102—History of Civilization* *Credit 3 hours*

A continuation of History 101.

*History 202—United States History, 1492-1865* *Credit 3 hours*

A study of the explorations and discoveries leading to the colonization of the United States, growth of industry, commerce, transportation, population, agriculture, labor and government from the simple agricultural society of the colonies to the beginning of a highly complex society. Special emphasis is given to the political, social, economic, and religious development of the United States before 1865.

*History 203—United States History, 1865 to Present* *Credit 3 hours*

A study of the development of the United States during this period with emphasis on the political, social, economic, and religious development.

*History 207—Oklahoma History**Credit 3 hours*

A general course covering the history of Oklahoma from territorial days to the present. This course is planned to meet requirements in Oklahoma History for state teacher's certificates.

*History 300—Ancient History**Credit 3 hours*

A general treatment of the history of early mankind and the early civilizations of Babylonia, Egypt, and Persia; a survey of the early life and institutions of Greece and Rome; a study of the rise of the Roman Empire and the steps leading to its disintegration. Primarily for history majors and minors.

*History 301—History of Medieval Europe**Credit 3 hours*

A study of the disintegration of the Roman Empire, the barbarian invasions and establishment of new political communities; the growth of the church, feudalism, and the development of the national states near the end of the middle ages. Primarily for history majors and minors.

*History 302—Modern European History**Credit 3 hours*

An introduction to the modern European history in its political, social, and cultural aspects from 1500—present. Special attention will be given to the development of European nationalism, liberalism, and imperialism; to the background of the 1st World War and to contemporary history since that period.

*History 303—The History of the Negro in the United States**Credit 3 hours*

A study of the status of the Negro through various stages of the history of the United States. Special emphasis is given to the influence of the Negro on life in the United States. The contributions of the Negro are emphasized, as well as the institutional relationships that have developed as a result of his presence in the United States.

*History 304—History of England**Credit 3 hours*

A general survey of the origin and development of England from the earliest times to the present, with particular emphasis on the development of the political, cultural, and economic institutions of England.

*History 305—History of Latin America**Credit 3 hours*

A study of the political, economic, social, religious history of the American nations of Latin origin. An effort is made to show the relations of these nations to the United States, and to the world politics.

*History 400—The West**Credit 3 hours*

A study of the settlement of the United States west of the Mississippi River, and its effect upon political, religious, economic, and social conditions in the country as a whole.

*History 401—History of Ancient Greece* *Credit 3 hours*

A study of social, political, economic, intellectual, and religious life of the Greeks with a view of indicating the valuable contributions of Ancient Greece to modern civilization.

*History 402—History of Rome* *Credit 3 hours*

A study of the beginning, development, and expansion of the Roman people with emphasis on political government, and legal and imperialistic aspects of the Roman people.

*History 403—History of the Far East* *Credit 3 hours*

A survey of the development of the Far East during historic times. Special emphasis is given to the factors that caused its development to vary from that of the West, and the conditions which necessitated change in this development trend.

**ECONOMICS***Eco. 201—Principles of Economics* *Credit 3 hours*

This course is designed to furnish a general introduction to the field of economics and to constitute a basic course in the fundamentals of economic science.

*Eco. 202—Principles of Economics* *Credit 3 hours*

Continuation of Economics 201.

*Eco. 301—Labor Problems* *Credit 3 hours*

A study of the policies and methods of trade unionism and the movement toward industrial democracy.

*Eco. 302—Money and Banking* *Credit 3 hours*

History and principles of money and banking. Existing monetary and banking systems, problems of the standard, and foreign exchange are analyzed. Comparison of banking practices in the United States and Europe.

**GEOGRAPHY***Geo. 201—Elements of Physical Geography* *Credit 3 hours*

A study of the earth, its relations and its physical features, together with their origin, and influence.

*Geo. 202—World Geography* *Credit 3 hours*

A general survey of the world regions—climatic, topographic, and industrial—bringing out the relationship of human activity to natural environment. Prerequisite: Geo. 201.

*Geo. 301—Human Geography* *Credit 3 hours*

How man has been influenced by his physical environment, and how he has modified it to serve his needs. Prerequisite: Geo. 201.

**PHILOSOPHY***Phil. 300—Introduction to Philosophy* *Credit 3 hours*

An elementary study of the types and sources of knowledge; of some leading theories of the nature of reality; and of related problems, including determinism, freedom, purpose, meaning, and truth. The chief aim of the course is to aid the students in arriving at some understanding of the problems that have always confronted mankind.

*Phil. 301—Logic* *Credit 3 hours*

A practical course introducing the student to the laws of thinking. The forms and operations of valid reasoning, their grounds and their applications in numerous fields are stressed. Attention is given to the syllogism, fallacies, evidence, and statistical methods.

*Phil. 302—Ethics* *Credit 3 hours*

A study of the history of moral theories, and an analysis of the problems of moral conduct. Particular emphasis is given to the nature and criteria of our ideas of good and evil, right and wrong, and scales of value.

**POLITICAL SCIENCE***Pol. Sci. 201—Introduction to American Government* *Credit 3 hours*

This is an introductory course and is required of all candidates for a degree in the Division of Arts and Sciences. It is a prerequisite for all other courses in government and may be counted as major or minor work.

*Pol. Sci. 202—State Government* *Credit 3 hours*

A study of the place and functions of the state in the United States with special attention to the organization and administration of the government of Oklahoma.

*Pol. Sci. 203—County Government and Rural Areas* *Credit 3 hours*

This course deals with the county as a governmental unit. Stress is placed on the county in Oklahoma.

*Pol. Sci. 205—Political Parties in the United States* *Credit 3 hours*

This course traces the beginning and development of the party system in the United States emphasizing the economic as well as the political implications of party operations. Prerequisites, Political Science 201, History 202, 203.

*Pol. Sci. 279—A Study of the Constitution of the United States* *Credit 3 hours*

A study of the actual content of the constitution together with a consideration of the various interpretations which have been advanced by leading scholars. Prerequisite—6 hours of government, 3 hours of economics, and 3 hours of American history.



*Pol. Sci. 290—Development of Political Theory* *Credit 3 hours*

A survey course beginning with the theories of Plato and Aristotle and concluding with theorists of the French Revolutionary period. Prerequisites—Six hours of government, History 202 and 300.

*Pol. Sci. 291—Contemporary Political Theories* *Credit 3 hours*

An intensive study of the theorists and theories of the 19th and 20th centuries. Prerequisites—Identical with those for Political Science 290.

*Pol. Sci. 301—Government and Labor* *Credit 3 hours*

The interrelations of government and organized labor movements dealing largely with the late 19th century and the 20th century. Prerequisite—Nine hours of government, 6 hours of history and 6 hours of economics.

*Pol. Sci. 307—Readings in Constitutional Law* *Credit 3 hours*

A consideration of the leading cases in American constitutional law with some attention to their political and economic implications. Prerequisites—Political Science 201 and 270.

*Pol. Sci. 310—International Law* *Credit 3 hours*

A survey course taught at an advanced level. Prerequisites—9 hours of political science.

*Pol. Sci. 400—Pressure Groups and Public Opinion* *Credit 3 hours*

This course is designed to examine specific pressure groups both in the United States and selected European countries. It will analyze the techniques and devices which are most commonly and effectively used for influencing public opinion. Prerequisites—12 hours political science, six hours each of history, sociology and economics. Seniors only.

*Pol. Sci. 406—Municipal Corporations* *Credit 3 hours*

A study of the municipal corporation both from the angle of its organization and its role and significance in the American economy. Prerequisites—identical with political science 400.

*Pol. Sci. 410—Governments of Europe* *Credit 3 hours*

A study of the structure, functions, and constitutional developments of the major European governments with stress on England, France, Germany, and Russia. Prerequisites—identical with political science 400 and 406.

### SOCIAL SCIENCE

*Soc. Sci. 171—Introduction to Social Science* *Credit 3 hours*

This course is strongly urged for all freshmen, especially those who intend to major in one of the Social Sciences. The purpose of the course is to survey the objectives, problems, and methods of the major social sciences; emphasis is placed on the interrelations of the social sciences, and the interdependence of the social and physical sciences.



*Soc. Sci. 172—Introduction to Social Science* *Credit 3 hours*

Continuation of Social Science 171.

*Soc. Sci. 404A—Research in the Social Sciences* *Credit 2 hours*

An introduction to and analysis of the methods used in the various social sciences. Credit for this course is not granted until the student has completed a selected research project. Required of all majors in the social sciences.

*Soc. Sci. 404B—Research in the Social Sciences* *Credit 2 hours*

Continuation of Social Science 404A.

### SOCIOLOGY

Students majoring in Sociology are required to present credits in Sociology 201, 202, 300, 302, 400, 405, and Social Sciences 171, 172, 404A, and 404B.

The requirements for a major in this field are thirty semester hours. Three hours of Political Science and three hours of Economics may be included in the major. Majors also are required to take ten semester hours from any one or combination of the following subjects: Economics, Political Science, History, and Psychology.

Requirements for a minor in Sociology: Eighteen hours of Sociology, three hours of political science and three hours of economics.

*Soc. 201—Introductory Sociology* *Credit 3 hours*

This course is designed to give the student a working system of thought about society. Special emphasis is placed on the various forms of group living as well as their functional aspects.

*Soc. 202—Introduction to Social Psychology* *Credit 3 hours*

An analysis of the processes of social interaction, with special emphasis on the development of social attitudes and group psychology.

*Soc. 300—Current Social Problems* *Credit 3 hours*

A survey course of the major social problems confronting society. Major emphasis is placed on the development of a problem-solving-consciousness attitude on the part of the student.

*Soc. 301—The Family and Marriage* *Credit 3 hours*

A study of the family and marriage as social institutions. The purpose of the course is to provide information that will aid the student in understanding the problems of family life and marriage.

*Soc. 302—The Rural Community* *Credit 3 hours*

A study of social organization and processes involved in open country and village community life.

*Soc. 303—The Child and Society* *Credit 3 hours*

A study of the social development of youth. Emphasis is placed on the integration of youth into larger group life, and the problems encountered in the process of integration.

*Soc. 304—Principles of Criminology and Penology* *Credit 3 hours*

A study of crime as a social process. Programs for the social treatment of crimes, including change in criminal procedure are emphasized.

*Soc. 305—Introduction to the Field of Social Work* *Credit 3 hours*

A descriptive analysis of the various phases of the field of social work. This course is limited to an analysis of the techniques used by social workers in the attempt to improve individual and group life.

*Soc. 306—Race Relations in the United States* *Credit 3 hours*

A study of the racial, nationality, and cultural groups in the United States with special emphasis on the patterns of relations that exist and the problems that group contacts create.

*Soc. 400—Social Anthropology* *Credit 3 hours*

A study of the contributions of primitive peoples to present-day social organization. A comparative study is made of the social organization and behavior of various primitive cultures.

*Soc. 402—Principles of Social Planning* *Credit 3 hours*

A study of the movement for social planning. The various techniques and programs advanced will be evaluated in a critical manner.

*Soc. 403—Migration and Population Problems* *Credit 3 hours*

A study of the population movements within the United States; emphasis is placed on the causes of these movements and of the social problems resulting from them.

*Soc. 404—The Urban Community* *Credit 3 hours*

A study of the historical development of the American city. The social structure of the city is analyzed and the social problems peculiar to the city are studied.

*Soc. 405—The Development of Social Theory* *Credit 3 hours*

A survey of the development of social thought, with special emphasis on the evaluation of the social theories of the outstanding contemporary thinkers.

**RELIGIOUS EDUCATION***Religious Education 101—The Old Testament:**Its Contents and Values**Credit 1 hour*

The outline of Hebrew history as it is recorded in the Old Testament, the kinds of literature which belong to each period, and the teachings that are found in the literature form the basis for this course. An understanding of how through all their experiences, the Hebrews discovered what God is like is an underlying purpose of course. The course aims to discover the values in the Old Testament for persons today.

*Religious Education 102—The New Testament:**Its Contents and Values**Credit 1 hour*

The nature of the religious movement centering in Jesus Christ in Palestine in the first century, the general content of the New Testament and the values of the New Testament for the developing life of humanity are studied in this course.

*Religious Education 201—Place, Tasks and Agencies of**Religious Education**Credit 2 hours*

This course will consider first the need for religious education in the light of its place in the Bible, and Christian history, and as demanded by present day conditions. Next will be studied the tasks involved in the development of Christian character, and training for Christian citizenship. A brief survey will be made of the various agencies in the church and community involved in this activity.

*Religious Education 301—The Religions of Mankind* *Credit 2 hours*

The purpose of this course is to give a sympathetic understanding of the great cultures in all religions. The attempt will be made to indicate how they derived at their characteristic patterns of social structure, thought forms, religious ideals and programs.

An understanding of the nature and meaning of religion, its role as an integrating force in the development of cultures will be emphasized.

## DIVISION OF EDUCATION

### DIVISIONAL OBJECTIVES

The Division of Education offers professional courses for the preparation of improvement of elementary and secondary school teachers. Specifically, it seeks to guide prospective and in-service teachers in the selection of non-specialized courses in the major fields of knowledge; and to provide experiences leading to the development of competencies necessary for successful participation in community living and in understanding, teaching and guiding children.

### LABORATORY SCHOOLS

The Division of Education operates a campus laboratory school, embracing grades one through eight. This school serves as a laboratory wherein theories of teaching, administration and supervision are translated into actual practice. The director of the Division of Education, and teachers of the laboratory school share the responsibility for coordinating the activities of this school in such a way as to promote the optional development of the pupils enrolled and the prospective teachers as well. Although the campus school is primarily a demonstration center, limited opportunities are provided students to do apprentice teaching.

In addition to opportunities offered by the campus laboratory school, the Division of Education utilizes the facilities of off-campus schools for apprentice teaching purposes at strategic points throughout the state.

### DESCRIPTION OF COURSES

#### General and Basic

*Ed. 101—The American Educational System* *Credit 3 hours*

A general survey course in education designed to provide an overview of the antecedents, development and present status of the American educational system.

*Ed. 201—Methods, Management and School Law* *Credit 3 hours*

A consideration of general class procedures, organization and management of classroom; motivation, individualization of instruction, discipline, objectives, the nature of the school child; school laws affecting the operation of the educational program. Required of all students who wish to qualify for teacher's certificates. Prerequisites, Ed. 101.

*Ed. 310—Educational Sociology* *Credit 2 hours*

A study of social life with emphasis upon its application to education.

*Ed. 311—Educational Measurements and Evaluation* *Credit 3 hours*

A course dealing with techniques involved in the improvement of teacher-made tests and examinations; principles underlying the construc-



tion, use, improvement and interpretation of various kinds of evaluation instruments. A small fee covering the cost of the test materials is required of each student registering for this course. Prerequisite, Ed. 101 and Ed. 201.

*Ed. 314—Philosophy of Education* *Credit 3 hours*

This course examines the ideas implied in a democratic society and their implications for educational theory and practice. Prerequisite, 8 hours of education.

*Ed. 410—School Records and Reports* *Credit 2 hours*

A study of the use and interpretation of recorded data; pupil accounting system; use of Oklahoma Teacher's Register. Must be taken before or concurrently with apprentice teaching.

*Ed. 411—Principles and Techniques of Curriculum Development* *Credit 4 hours*

An examination of procedures employed in curriculum revision with particular reference to the Oklahoma Cooperative Program For Improvement of Instruction. Prerequisite, 10 hours in education with approval of the instructor.

*Ed. 424—History of Education* *Credit 3 hours*

An examination of the historical developments of education emphasizing the successive relationships that have existed between educational theory and practice. Prerequisite, 10 hours of education.

#### ELEMENTARY EDUCATION

*Ed. 302—Specific Methods of Teaching Elementary Subjects* *Credit 3 hours*

Methods of teaching subjects in the elementary school emphasizing recent trends in teaching. Critical examination of literature bearing upon teaching reading, language and arithmetic. Prerequisite, Ed. 201.

*Ed. 303—Nature Study* *Credit 2 hours*

This course is designed to present the role and function of science in society. Emphasis will be placed upon the teaching of elementary science and conservation of natural resources.

*Ed. 328—Children's Literature* *Credit 2 hours*

A study of literature suitable for the elementary grades, including story telling, folk and nursery rhymes, myths, and nature and fairy stories. Prerequisites, M. L. 101 and M. L. 102.

*Ed. 405-406—Apprentice Teaching in Elementary Schools* *Credit 2-4 hours*

Directed observation and student teaching in the elementary school. A small fee covering costs of materials used is required of each registrant. Required of students qualifying for elementary teacher's certificates. Prerequisites, Ed. 102, 201, 302, 314.



*Ed. 422—Problems of the Rural School* *Credit 2 hours*

A course designed for the teacher in rural areas with emphasis upon problems and trends in rural life and education.

### PSYCHOLOGY

*Psy. 101—General Psychology* *Credit 3 hours*

A basic course dealing with the origin and development of human behavior. Consideration will be given to the several schools of psychological thought.

*Psy. 102—Educational Psychology* *Credit 3 hours*

A study of recent tendencies in psychological thought in relation to education. Topics to be considered include heredity and environment, individual differences, principles of learning and intelligence.

*Psy. 301—Mental Hygiene* *Credit 3 hours*

An examination of factors leading to the development of a well integrated socially desirable personality.

*Psy. 308—The Growth and Development of School Children* *Credit 3 hours*

A study of the mental physical, social and emotional development of school children with implications of the elementary curriculum.

*Psy. 309—Adolescent Development and Behavior* *Credit 3 hours*

A study of the educational implications of the growth and development of adolescents for secondary education.

*Psy. 318—Psychology of Exceptional Children* *Credit 3 hours*

An examination of the characteristics of children who deviate from the normal; a study of their interests and needs. With special emphasis on preventive, diagnostic and remedial methods.

### Secondary Education and Administration

*Ed. 305—Teaching Social Science in High School* *Credit 3 hours*

A study of the problems involved in teaching social sciences in the secondary school, including a consideration of aims, procedures, teaching aids, and literature in the field.

*Ed. 306—Teaching Science and Mathematics in Secondary Schools* *Credit 3 hours*

Principles and procedures involved in teaching science and mathematics in high school.

*Ed. 319—Methods of Teaching English in High School* *Credit 3 hours*

Deals with the study of language development of adolescents; problems, methods and aids in teaching high school English.

*Ed. 322—Reading Problems in the Junior and Senior High School* Credit 3 hours

An examination of reading problems in high school; study of literature bearing on reading problems.

*Ed. 423—School Administration and Supervision* Credit 3 hours

In this course principles of school administration and supervision of the various levels will be studied. Not open to Freshmen and Sophomores.

*Ed. 450—Principles of Secondary Education* Credit 2 hours

This is an orientation course in the basic philosophy of the secondary school; a brief history of secondary education and a detailed discussion of the modern issues, principles and practices of the American secondary school.

*Ed. 492—Apprentice Teaching in Secondary Schools* Credit 2 hours

An analysis of the teaching process through observation of the high school classes. Prerequisite, 12 hours in education.

*Ed. 493—Apprentice Teaching in Secondary Schools* Credit 2— $\frac{1}{4}$  hours

In this course students will do actual teaching in one of the several schools. Prerequisite, Ed. 492.

### CURRICULUM

#### B. S. In Elementary Education

##### FRESHMAN YEAR

(See Page 34.)

##### SOPHOMORE YEAR

###### *First Semester*

Eng. 233—English Literature .....	3
Math. 102—Teacher's Arithmetic.....	2
Ed. 101—American Ed. System .....	3
Soc. 271—Intro. to Sociology.....	3
P.E. 103—Hygiene (Personal) .....	2
P.E. 201—Advanced Floorwork.....	1
*Ag. 105—Agriculture .....	2

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###### *Second Semester*

Eng. 224—English Literature .....	3
Soc. 204—American Gov't .....	3
Ed. 201—General Methods .....	3
Geog. 301—Human Geography .....	3
P. E. 202—Advanced Floorwork.....	1
*Hist. 207—Oklahoma History .....	2

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##### JUNIOR YEAR

Ed. 322—Problems of Rural Sch.....	2	**Ed. 311—Ed. Measurements .....	3
Ed. 308—Growth & Dev. of Elem. School Child .....	3	Soc. 202—American History .....	3
P. E. 210—Community Hygiene .....	3	Ed. 302—Specific Methods .....	3
Ed. 314—Phil. of Education.....	3	Ed. 328—Children's Literature .....	2
Ed. 310—Mental Hygiene .....	3	Electives .....	4
Electives .....	3		

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## SENIOR YEAR

Ed. 302—Nature Study .....	2	Ed. 424—History of Education .....	3
Soc. 303—Negro History .....	3	Ed. 310—Ed. Sociology .....	2
***Ed. 405—App. Teaching .....	3	Ed. 406—App. Teaching .....	3
Eng. 426—Negro Literature .....	3	Electives .....	8
Electives .....	5		

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## CURRICULUM

## B. S. In Secondary Education

## FRESHMAN YEAR

(See Page 34.)

## SOPHOMORE YEAR

*First Semester*

Eng. 223—Survey of Eng. Lit. ....	3
Ed. 101—American Education .....	3
Soc. 202—American History .....	3
P. E. 201—Sophomore Activities.....	1
Eng. 212—Effective Speech Mak. ....	3
Electives and Teaching Field .....	3

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*Second Semester*

Eng. 224—Survey of Eng. Lit.....	3
Ed. 201—Methods, Mgt. Sch. Law .....	3
Soc. 203—American History .....	3
P. E. 202—Sophomore Activities .....	1
**Hist. 207—Oklahoma History .....	2
Electives and Teaching .....	4

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## JUNIOR YEAR

Psy. 201—Mental Hygiene .....	3	Psy. 209—Adol. Dev. & Behavior .....	3
P. S. 240—U. S. Government .....	3	Ed. —Methods .....	3
Ed. 314—Phil. of Education.....	3	Ed. 311—Measurements .....	3
Ed. 310—Ed. Sociology .....	2	Electives and Teaching Field.....	7
**** Electives and Teaching Field .....	5		

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## SENIOR YEAR

Ed. 450—Prin. of Sec. Ed. ....	2	Ed. 492—Apprentice Teaching .....	6
Ed. 411—Prin. and Tch. of Cur. Dev. ....	3	Electives and Teaching Field .....	7
Eng. 426—The Negro in Amer. Literature .....	3		
Electives and Teaching Field .....	8		

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\* Not required if taken in high school.

\*\* Laboratory Fee, \$2.00.

\*\*\* A fee of \$1.50 will be charged each semester to defray the cost of materials which will be used in connection with the course. Open only to seniors who have a C average or above in all their work. For each credit hour two hours of teaching and/or participation at the Training School are required.

\*\*\*\* The student will be required to accumulate from 24-30 hours, depending upon the teaching field selected. Students who have not completed two units of foreign language in high school will be required to take six hours of French or Spanish.

\*\* Not required if taken in high school.

## Division of Home Economics

### Divisional Objectives

The curriculum in Home Economics is designed to meet the needs of three classes of students:

1. Those who desire to teach the subject.
2. Those who desire a general knowledge of the subject as part of their liberal education.
3. Those who wish to choose it as background training required for various professional fields.

The Division of Home Economics also provides training in home making.

Requirements for a Bachelor of Science degree in Home Economics, an Oklahoma life high school certificate for teaching home economics, and a life vocational certificate are included in this program.

### Requirements for Graduation

A minimum of 124 hours plus 4 hours of physical education is required of each major. The basic requirements for a degree in home economics are:

1. A major of 60 hours in the field of home economics.
2. Twelve hours of English.
3. Twelve hours of Science.
4. Six hours of Mathematics.
5. Nine hours of Social Science.
6. Twelve hours of Education.

Electives may be taken in any field of the student's special interest.

## DESCRIPTION OF COURSES

### Clothing and Textiles

#### *H. E. 101—Art, Color, and Design*

*Credit 2 hours*

This course is arranged to develop an appreciation of art as applied to the home. Development of creative ability, imagination, good judgment in handling problems in line, form and color. A study of the fundamental principles of design and their direct application to daily life. A consideration of structure proportion and arrangement and creative design in lettering.

#### *H. E. 103—Clothing Construction*

*Credit 3 hours*

Fundamental processes of clothing construction are applied in simple clothing problems. Emphasis is placed on selection, techniques, economy, care and renovation of clothing.

*H. E. 104—Costume Design**Credit 2 hours*

Garments for various types of individuals are studied and designed. Emphasis is placed on color harmony and line in design. Economic and psychological factors influencing selection, accessories and backgrounds are included. Prerequisite H. E. 101, H. E. 103.

*H. E. 105—Textiles**Credit 2 hours*

Study of factors essential to intelligent selection and care of textile materials. Standardization and identification of fibers and fabrics. Trend in textile production and trade conditions influencing the consumer are studied.

*H. E. 302—Children's Clothing**Credit 2 hours*

A study of clothing requirements, problems in selection, planning and making of children's garments. Special emphasis is placed on workmanship, comfort and hygienic qualities, essential for the growing child. Prerequisites H. E. 101, H. E. 108.

*H. E. 333—Crafts**Credit 2 hours*

Studies in various forms of structural and decorative design. Instruction in special techniques suitable for public school teaching. Special projects to meet the needs and interests of individual students.

*H. E. 354—Home Planning and Furnishing**Credit 3 hours*

The arrangement and selection of the house and its furnishings, are studied from the standpoint of function, efficiency and design. Rendering of plans, elevations and details. Color schemes are based on appropriate patterns in planning ensembles for the whole house. Prerequisite H. E. 101.

*H. E. 401—Costume Tailoring**Credit 3 hours*

Special problems in dressmaking and costume suits which require tailored finishes. Prerequisites H. E. 108, H. E. 302.

*H. E. 403—Advanced Clothing**Credit 3 hours*

A course planned to give opportunity for creative experience and to help develop appreciation of fine design and skill in achieving beauty of costume in relation to the wearer.

Laboratory problems will include the preparation of individual dress forms; practice in developing original designs through draping; dressmaker suits. Other problems adapted to the needs and interests of the student. Prerequisite, H. E. 103, H. E. 104.

*H. E. 405—Clothing Problems**Credit 4 hours*

A study of clothing problems applicable to personality and complexion types. Students are required to construct garments for themselves and other individual types involving principles which show good taste in color, line, and design. Emphasis is placed upon planning, construction, care and renovation of the family clothing. Prerequisites H. E. 101, H. E. 103. Offered in summer session only.



### Food and Nutrition

*H. E. 231—Food, Selection, and Preparation* *Credit 4 hours*

Emphasis is placed upon the selection and preparation of food on a reduced or emergency budget. Low cost as well as rational commodities are stressed. Reference is made to the quantity, quality, and variety of foods now available to consumers. Lecture 1 hour, laboratory 4 hours.

*H. E. 232—Advanced Foods* *Credit 4 hours*

Subject matter and laboratory practice related to the planning and serving of meals are presented. Laboratory problems are planned, with a week's rationed meals for specific groups, or stated composition, activity and incomes as a basis. Prerequisite, H. E. 231. Lecture 1 hour, laboratory four hours.

*H. E. 233—Household Economics* *Credit 2 hours*

The main objective is to discover and point the way toward wiser consuming practices necessary to promote human welfare.

*H. E. 331—Nutrition* *Credit 3 hours*

Emphasizes the factors in an adequate diet thus enabling one to understand human requirements better and to use our common food materials to greater advantage. A study of individual dietary needs with special regard to the relation of such knowledge to health.

*H. E. 353—Health of the Family* *Credit 2 hours*

Elementary and emergency methods of preventing diseases and caring for the sick in the home.

*H. E. 433—Fine Cookery* *Credit 2 hours*

Emphasis is placed upon the artistic application of form, color, texture and decoration of foods to produce products suitable for special occasions. Prerequisites H. E. 231, H. E. 232.

*H. E. 434—Newer Aspects of Foods and Cookery* *Credit 2 hours*

Survey of research work being done in foods by various special bureaus, educational institutions, commercial firms, and scientists. New books and magazine articles are reviewed. Prerequisite, Junior or Senior rating.

### Home Management and Family Life

*H. E. 352—Household Equipment and Physics* *Credit 4 hours*

Emphasis is placed upon the selection, methods of operation and care of household equipment. More emphasis is placed upon the care and use of equipment in order to prolong its efficiency as a result of the war. A study is being made of the new substitutes to be used in the construction of postwar equipment.

*H. E. 481—Family Relationship* *Credit 2 hours*

Is the study of the family groups, its place in the present social order and the possible changes that will occur during the postwar era.

*H. E. 482—Home Management and Residence* *Credit 5 hours*

A study of the ways and means of developing managerial abilities in the organization of a home and family group. Human and material resources are considered. Senior rating required.

*H. E. 383—Elementary Child Care and Training* *Credit 3 hours*

A practical course designed to give instruction and practice in the principles of group management of children below school age with emphasis on habit development.

*H. E. 484—Advanced Child Care and Training* *Credit 2 hours*

Methods of instruction, problems of individual children, pre-school equipment and records, supervised observation in pre-school.

*H. E. 486—Child Study and Parent Education* *Credit 2 hours*

A study of underlying factors in child development functioning in relationship between parents and children. Methods of conducting study groups, problems of organization and content.

*H. E. 155—Manners for Moderns* *Credit 2 hours*

A course designed to study the needs of human problems raised by the social demands of today's living; special parties, calls, weddings, getting established in the community common social courtesies, etc. Open to any student in the college.

### Home Economics Education

*H. E. 371—Methods in Teaching Home Economics* *Credit 3 hours*

Focuses emphasis on four large problems; a philosophy of home economics consistent with democratic living; determining the place of home economics in the secondary school program; techniques in teaching which contribute to growth in democratic living; and evaluating changes in behavior. Major emphasis on techniques of teaching. Opportunity given for each student to work on a problem of her own particular interest. Prerequisite, Educational Psychology, Educational Measurements, Philosophy of Education and Junior College Standing.

*H. E. 474—Observation and Student Teaching* *Credit 6 hours*

A study of home and community through home visiting and participating in community activities. Observation of and some experience in organization of home economics in small and large departments and in general and vocational homemaking departments.

Preparation of teaching materials, visits to schools. Teaching of homemaking classes on grade levels from elementary school correlation to adult classes. Individual and group conferences. Prerequisite. Edu-

ational Psychology, Philosophy of Education, Educational Measurements, and H. E. 371.

*H. E. 480—Problems in Teaching Homemaking* *Credit 2 hours*

A basic method course for experienced teachers. Problem and project methods, pupil participation, discussion, techniques, group experiences and evaluation in homemaking. Prerequisite, H. E. 371, and 474. Offered in summer session only.

*H. E. 490—Adult Education in Homemaking* *Credit 2 hours*

Philosophy of adult education: An analysis and study of the problems affecting community and family living, methods and techniques used in adult classes. Observation and participation in organizing and planning for adult groups. Prerequisite, H. E. 371, H. E. 474, or Experiences in Teaching.

## CURRICULUM

### Bachelor of Science in Home Economics

#### FRESHMAN YEAR

(See Page 34.)

#### SOPHOMORE YEAR

##### *First Semester*

Eng. 204—English Comp. ....	3
Sci. 311—Organic Chemistry ....	3
H. E. 231—Foods .....	4
Ed. 201—General Methods .....	3
Art 101—Principles of Art .....	2
P. E. 201—Soph. Activities .....	1
16	

##### *Second Semester*

Eng. 212—Public Speaking .....	3
H. E. 232—Advanced Foods .....	4
H. E. 104—Costume Design .....	2
Ed. 102—Ed. Psychology .....	3
H. E. 233—Household Economics ..	2
H. E. 333—App. Crafts .....	2
P. E. 202—Soph. Activities .....	1
17	

#### JUNIOR YEAR

H. E. 354—Home Plan. & Furn.....	3
H. E. 352—Household Equip. Phys. 4	4
Ed. 314—Phil. of Ed. ....	3
Biol. 356—Bacteriology .....	3
H. E. 302—Children's Clothing ...	3
16	

H. E. 331—Nutrition .....	3
Soc. 302—Rural Sociology .....	3
H. E. 402—Advanced Clothing ...	3
Ed. 309—Adol. Psychology .....	3
H. E. 353—Health of Family .....	2
Ag. 105—Gen. Agriculture .....	2
Hist. 207—Okla. History .....	2
18	

#### SENIOR YEAR

H. E. 383—Elem. Child Care .....	3
H. E. 472—H. E. Methods .....	3
H. E. 401—Costume Tailoring.....	3
H. E. 481—Family Relations .....	2
Electives .....	4
15	

H. E. 483—Adv. Child Care	
& Training .....	2
H. E. 474—Obs. & App. Teach. ....	6
H. E. 482—Home Mgmt. & Res. ....	5
13	

#### Electives in Home Economics

H. E. 433—Fine Cookery .....	2
*H. E. 490—Adult Ed. Home Mk....	2
H. E. 486—Child Study, Parent	
Education .....	2

H. E. 405—Clothing Problems....	2-4
H. E. 255—Manners for Moderns....	2
H. E. 434—Newer Aspects of	
Foods and Cookery .....	2

\* Not offered in 1948-49.

## Division of Mechanic Arts

### Objectives

The Division of Mechanic Arts has a three-fold purpose to perform:

1. To satisfy the needs of the prospective teacher of Industrial Arts.
2. To satisfy the needs of the individual who desires information or trades experience in a particular field.
3. To provide professional and technical training in certain branches of engineering.

### Organization

To achieve these objectives, the Division of Mechanic Arts has organized its work into several curricula:

*Curriculum 1.* To offer adequate education and training for teachers of, and skilled workers in Industrial Arts and Vocational Education in Oklahoma. Options are offered in Woodwork, Drawing, Auto Mechanics, Electricity, Plumbing, Tailoring, Shoemaking, Steam Power Plant operation.

*Curriculum 2.* To provide professional and technical training in the Engineering field of management, architecture, electricity.

*Curriculum 3.* To satisfy the needs of the individual, who from force of circumstances or other causes, desires information or trades experience in a particular field.

Curriculums 1 and 2 carry full college credit and a degree will be granted in each upon the successful completion of the required courses of study, where a four year curriculum is outlined. The curricula in Architecture and Electricity are maintained upon Junior college level.

It must be expressly understood that the student following curriculum 2 will not endeavor to satisfy the requirements of the State Board of Education in regards to requirements in education and therefore, will not receive the license to teach in the State of Oklahoma until such requirements have been met.

The Industrial Engineering curriculum is based on the fundamental sciences of Mathematics, Physics, and Mechanics, which are the foundation subjects of engineering. Other basic courses endeavor to give the prospective student a broad understanding of the engineering field as a whole. Graduates of this course are prepared to enter positions in the managerial field of engineering, such as sales and purchasing, personnel, planning and cost control, including features of plant location and factory planning, plant maintenance, production, design and development and the administration and management of industries.



## DESCRIPTION OF COURSES

## AUTO MECHANICS

*Shop 111—Automobile Construction and Design* *Credit 2 hours*

Principles of construction and operation of automobiles.

*Shop 112—Fuel and Lubricating Systems* *Credit 2 hours*

Maintenance servicing and repair of fuel pumps, carburetors, gasoline gauges, of engine oiling systems and chassis lubrication.

*Shop 211—Front End Design, Transmission, Differentials and Brakes* *Credit 2 hours*

Construction, adjustment and repairs.

*Shop 212—Automobile Engines* *Credit 2 hours*

Design, maintenance and repair.

*Shop 311—Automotive Electrical Systems* *Credit 2 hours*

Ignition, lighting systems and batteries; trouble shooting in the automotive electrical system.

*Shop 312—Generators, Starters and Lathe Operation* *Credit 2 hours*

Construction, operation and repair of generators and starters, with use of lathe in making repairs.

*Shop 411—Body and Fender Work* *Credit 2 hours*

Procedure in body and fender repair, including welding and painting with spray guns.

*Shop 412—Shop Management and Foremanship* *Credit 2 hours*

Principles and practices of shop management and operation.

*Shop 413—Electric and Acetylene Welding* *Credit 2 hours*

Principles and practices of acetylene and electric welding. Elective.

*Shop 414—Mechanic Shop Practice* *Credit 2 hours*

Use and operation of lathes, grinders, milling machines, etc.

## DRAWING

*Ind. 171—Elementary Mechanical Drawing* *Credit 2 hours*

In this course is given instruction in the use of drawing instruments and a study of orthographic projection and development.

*Ind. 172—Mechanical Drawing* *Credit 2 hours*

Prerequisite, 171. This course involves the making and reading of drawings, including the development and application of curves.

*Ind. 271—Working Drawing* *Credit 2 hours*

Theory and practice in the design of projects used in the manual training courses.

*Ind. 272—Descriptive Geometry* *Credit 2 hours*

Theory of orthographic projection and its application in solving engineering problems by the projection or revolution of points, lines, planes, and solids. Lab. 4 hours.

*Ind. 371—Machine Drawing* *Credit 2 hours*

Elementary principles of the design of machine parts and of complete machines.

*Ind. 372—Industrial Arts Design* *Credit 2 hours*

Theory and design of practical projects used in shop courses. Emphasis on beauty, utility and strength.

*Ind. 471—Architectural Drawings* *Credit 2 hours*

A study of the orders of architecture and elementary study of architectural units and composition.

*Ind. 472—Architectural Drawing* *Credit 2 hours*

A continuation of Ind. 471 and includes problems in architectural design and building construction.

*Ind. 273—Lettering (Elective)* *Credit 2 hours*

The study of lettering. Design of posters and signs. Historic forms and principles of composition.

*Ind. 373—Free Hand Drawing (Elective)* *Credit 2 hours*

Elementary free hand drawing with pencil and charcoal from geometric objects and still life.

#### APPLIED ELECTRICITY

*Shop 191—Wiring* *Credit 2 hours*

Theory and practice in wiring simple fixtures, measuring and bending conduit.

*Shop 192—Wiring* *Credit 2 hours*

Advanced course in wiring, including a study of electrical fixtures, machines and appliances.

*Shop 291—Job Management* *Credit 4 hours*

Estimation and management of electrical jobs, with practical experience.

*Shop 292—Radio 1.* *Credit 2 hours*

A study of elementary circuits in radio; induction, capacity, oscillating circuits, and low frequency cycles.

## METAL SHOP

*Shop 114—Metal Work* *Credit 2 hours*

Required of sophomore Industrial Arts Education students; sheet metal work, soldering, layout, and forming of various metals.

*Shop 115—Metal Work* *Credit 2 hours*

Aircraft, sheet metal work. Prerequisite 114 and Ind. 172. Drilling, riveting, blueprint and layout work. Elective.

*Shop 116—Metal Work* *Credit 2 hours*

(Elective) Continuation of 115.

## PHOTOGRAPHY

*Ind. 381* *Credit 2 hours*

Theory and practice of photography with view and hand cameras; development of plates and printing.

*Ind. 382—(Continued)* *Credit 2 hours*

Enlargements, reductions and reproductions of photographs, scenes, maps, etc.

## SHOEMAKING

*Shop 161—Elementary Shoe Repairing*

This course is for the purpose of teaching the student the care and use of shoe making tools, equipment, materials, types of shoe construction, and how they are repaired.

*Shop 162—Elementary Shoe Repairing* *Credit 2 hours*

Building heels of all styles and types and half soling welt shoes.

*Shop 261—Advanced Shoe Repairing* *Credit 2 hours*

Selecting and judging the qualities of sole and upper leathers. Half soling and heeling ladies McKay and welt shoes.

*Shop 262—Advanced Repairing* *Credit 2 hours*

Review of the 1st semester work and cement soling.

*Shop 361—Elementary Shoemaking* *Credit 2 hours*

Putting on men and ladies whole soles, color dyeing, and introduction to making of new shoes.

*Shop 362—Elementary Shoemaking* *Credit 2 hours*

Fitting inner soles, counters, boxes, toe caps, welts, sewing and finishing soles and heels.

*Shop 363—(Elective)* *Credit 2 hours*

Study and practice in leather crafts.

*Shop 461—Productive Basis* *Credit 2 hours*

Work in shop of a productive nature. Repairs and other jobs.

*Shop 462—Advanced Shoemaking* *Credit 2 hours*

Drafting, upper making, shop management and business methods in conducting a shop.

*Shop 463—Measurements (Elective)* *Credit 2 hours*

Making lasts to fit the foot and lasting hand made shoes.

#### TAILORING

*Shop 131—Elementary Tailoring* *Credit 2 hours*

A study in the use of simple tools with elementary practice work.

*Shop 132—Rebuilding* *Credit 2 hours*

Making general alterations and making over suits.

*Shop 231—Beginner's Drafting* *Credit 2 hours*

The drafting and making of uniform trousers.

*Shop 232—Beginner's Drafting* *Credit 2 hours*

Continuation of course 231.

*Shop 331—Drafting* *Credit 2 hours*

The drafting and making of citizens' trousers.

*Shop 332—Drafting* *Credit 2 hours*

Drafting of coats and making of coats.

*Shop 333—Upholstering* *Credit 2 hours*

A study of upholstering materials, tools and completion of upholstering projects. (Elective)

*Shop 431—Cleaning and Pressing* *Credit 2 hours*

Shop work of a productive nature, including care and operation of cleaning equipment, suits, coats and other clothing.

*Shop 432—Management* *Credit 2 hours*

Continuation of 431 and Ind. 424 with actual practice in conducting a shop.

#### PLUMBING

*Shop 141—Elementary Plumbing* *Credit 2 hours*

Fundamentals of plumbing, tools, devices, and materials used in trade joint wiping, wiping ferrules, nipples and branch joints of all sizes.

*Shop 142—Plumbing* *Credit 2 hours*

Pipe bending, wiping solder, sheet lead work, roof flashings, and general use of soldering iron. Roughing in all class of plumbing fixtures.

*Shop 241—Finishing Work* *Credit 2 hours*

Finishing fixtures on soil and lead jobs, automatic tanks, valves, and installation of water and steam lines.

*Shop 242—Finishing Work (Continued)* *Credit 2 hours*

Continuation of 241 and testing of traps. Radiation and boiler work for steam and hot water heating systems.

#### BOILERROOM PRACTICE

*Shop 181—Boilers* *Credit 2 hours*

Firing of boilers, study of fuels, types of boilers.

*Shop 182—Boiler Room Practice* *Credit 2 hours*

Boiler room practice, stokers, testing and study of pumps, injectors, traps and feed water heaters.

*Shop 281—Boiler Room Practice* *Credit 2 hours*

Valve diagrams, gears, governors, steam engine indicators. D. C. motors, starting apparatus.

*Shop 282—Refrigeration* *Credit 2 hours*

Air compressors, refrigeration, types of refrigerants, coils and piping.

#### MANUAL TRAINING

*Ind. 101—Bench Work* *Credit 2 hours*

Required of all Industrial Education students. Elementary hand woodworking. Up to and including the dado joint.

*Ind. 102—Bench Work* *Credit 2 hours*

In this course is given the design and use of the mortise and tenon joint; application being made on small pieces of furniture.

*Ind. 103—Wood Turning* *Credit 2 hours*

Required of all Industrial Education students. A beginning course in wood turning.

*Ind. 201—Cabinet Making* *Credit 2 hours*

Required of all Industrial students. A beginning course in machine wood-working, including production work and individual projects. Prerequisite, 102 or its equivalent.

*Ind. 202—Cabinet Making* *Credit 2 hours*

A continuation of 201, in which each student must build one or more creditable pieces of furniture.

*Ind. 203—Care of Equipment* *Credit 1 hour*

Must be taken with 202. The student is taught to file saws of all sorts, and the care of the machine equipment with general shop safety.



*Ind. 204—Carpentry* *Credit 2 hours*

Practice in rafter cutting and elementary house carpentry, such as building garages, play houses, etc.

*Ind. 205—Woodturning and Pattern Making* *Credit 2 hours*

This course is for the purpose of making wood forms for foundry and metal work. For engineering students, making of patterns for foundry and metal shop projects. (Elective)

*Ind. 302—Wood Finishing* *Credit 2 hours*

A study of various finishes and their composition, including a study of woods. Required of all Industrial Education students.

*Ind. 401—Productive Basis* *Credit 2 hours*

Operation of shop as a productive unit making furniture and other articles of use in particular major fields.

*Ind. 402—Shop Work on Productive Basis* *Credit 2—4 hours*

*Ind. 405—Advanced Furniture Making (Elective)* *Credit 2 hours*

Practice woodwork in advance of the requirements of the course.

#### INDUSTRIAL ARTS EDUCATION

*Ind. 105—Industrial Safety* *Credit 2 hours*

Orientation course in Industrial Education, with series of problems to acquaint the student with safety problems in the shops and uses of machines. Same as Eng. 116.

*Ind. 301—Industrial History* *Credit 2 hours*

This course deals with the stages of development in industry, and its present trends.

*Ind. 410—Curriculum Construction* *Credit 3 hours*

Conferences, investigations and discussions for advanced students and mature persons who have had experience as teachers, supervisors or administrators with one or more phases of Vocational Education.

*Ind. 411—Seminar in Vocational Education* *Credit 3 hours*

Testing and grading. Treatment of test and their application in Educational Vocational and Industrial guidance.

*Ind. 412—Problems in Industrial Arts Education* *Credit 3 hours*

Group and individual investigations and class discussions of teaching problems of Industrial Arts in areas of departmental and subject objectives, subject matter, projects, methods of teaching, aids and devices, selection of text, problem pupils, shop management. Prerequisite 6 hours, of Industrial Education.

*Ind. 413—Co-ordination* *Credit 3 hours*

The duties, and responsibilities to a co-ordinator. Relationship of Vocational Education Trade and Industrial Education, with discussion of the latest Federal Laws.

## INDUSTRIAL ENGINEERING

*Eng. 115—Surveying**Credit 2 hours*

The use and care of surveying instruments, and the methods used in plane and topographic surveying. Supplemented with drafting room work. Prerequisite Math. 106. (Trig.)

*Eng. 116—Engineering Lectures**Credit 3 hours*

A series of problems designed to acquaint the student with some of the work of the engineer. Lecture and laboratory 5 hours per week.

*Eng. 205—Metallurgy of Iron and Steel**Credit 2 hours*

The manufacture of ferrous products, involved calculations; pertaining to the same; constitution of iron carbon alloys; affects of mechanical and heat treatments. Two recitation periods per week.

*Eng. 206—Pattern Making**Credit 2 hours*

For Engineering students. Elementary bench work, wood turning, and pattern making. Laboratory course.

*Eng. 215—Industrial Engineering Manufacturing Processes**Credit 2 hours*

An illustrated lecture course consisting of slides, prints, etc., showing present day industrial practices in fields of agriculture, home economics, industrial arts, etc. Recitation and laboratory, 2 hours.

*Eng. 217—Mechanics. Book 1 and 2**Credit 3 hours*

Elementary mechanics statistics; rectilinear and curvilinear motion, virtual velocities, movements of inertia, work energy, power. Recitation three hours per week.

*Eng. 301—Electrical Construction**Credit 2 hours*

A practical course in elementary electricity, consisting of ordinary wiring, repairs to electrical equipment, simple fixtures and a study of N.E.C. Requirements.

*Eng. 392—Steam Power Plants**Credit 2 hours*

The selection of size and type of boilers, location of apparatus, steam lines and water lines with practical experience gained in the school plant.

*Eng. 395—Time Study**Credit 3 hours*

The principles and practices of time analysis of work in the shop for the purpose of setting standards of performance and improving methods of production. Laboratory 4 hours per week.

*Eng. 412—Machine Shop Practice**Credit 3 hours*

Same as auto mechanics 412.

*Eng. 401—Kinematics of Machinery**Credit 2 hours*

Instant centers; linear velocities by the instant center method; velocity diagrams; gears, belts and pulleys. Prerequisite, Ind. 171, Sci. 221. Recitation 1 hour; practice 3 hours.

*Eng. 404—Tool Design**Credit 2 hours*

Special equipment and methods used in interchangeable manufacturing in the machine shop; design of the more simple special tools. Lab. 4 hours.

*Eng. 406—Production Planning**Credit 2 hours*

The design and construction of special equipment to be used in production jobs. Gig design, etc.

*Eng. 306—Industrial Organization**Credit 3 hours*

The organization and management of industrial enterprises.

*Eng. 303—Advanced Heat Engineering**Credit 2 hours*

As applied to steam power plants and a study of simplest phases of refrigeration and cold storage with design and location of apparatus for a refrigeration plant.

*Eng. 407—Factory Cost**Credit 2 hours*

Cost accounting as applied to factory production and methods used in allocating factory costs. Prerequisite, Ind. 306.

*Eng. 402—Scientific Management**Credit 2 hours*

A study of present methods of management in industry.

*Eng. 416—Factory Planning**Credit 3 hours*

The collection and analysis of the data required for the design of an industrial plant or shop, through tracing, blue prints, etc. With specifications of machine layout as well as heating, ventilating and lighting systems. Laboratory, 6 hours per week.

*Eng. 417—Heating and Ventilating**Credit 3 hours*

An elementary course covering thermodynamics of various types of heat engines, with practical details, problems in perfect gases, steam combination and boiler performance. Steam power plants laboratory 4 hours. Recitation 2 hours.

### THE SPECIAL TRADES COURSES

The trades course is a two-year course for students who desire to specialize in some particular trade without the regular academic work of the college. This course is composed of industrial subjects and technical training and practice in a selected trade.

*\*Trade 1 ( ) A & B Trade**Credit 8 hours*

Practical training in each trade. Laboratory 4 hours per day. Credit 4 hours each semester.

*Trade 114 & 115—Technical Composition**Credit 6 hours*

This course is a combination of elementary grammar and English composition. This course continues into reading and writing with the use of technical terms. Credit 3 hours each semester.

*Trade 103A and B—Shop Mathematics* *Credit 4 hours*

This is a course in practical mathematics which develops into special problems common to each trade. Credit 2 hours each semester.

*Trade 134—Tool Care* *Credit 2 hours*

This course deals with the names, uses, and care of tools.

*Trade 144A & B—Mechanical Drawing* *Credit 4 hours*

This course deals with the fundamental principles in drawing, with special stress on trade drawing. Credit 2 hours each semester.

*Trade 2 ( ) A & B—Trade* *Credit 8 hours*

An advanced course of 104, with much stress on the development of skill. Laboratory 5 hours per day. Credit 4 hours a semester.

*Trade 228—Trade Administration* *Credit 2 hours*

Instruction related to organized efficiency in trade work.

*Trade 248—A & B Advanced Composition* *Credit 6 hours*

A continuation of course 114, including speaking.

*Trade 268—Trade Science* *Credit 3 hours*

Introductory course in general physics with emphasis on measurements, machines, heat electrical theory and application.

## BACHELOR OF SCIENCE IN INDUSTRIAL ARTS EDUCATION

### FRESHMAN YEAR

(See Page 34.)

### SOPHOMORE YEAR

	1st. Sem.	2nd. Sem.
	R. L. C.	R. L. C.
Eng. 204—English Composition .....	3 0 3	
Eng. 212—Public Speaking .....		3 0 3
Sci. 221—College Physics .....	3 1 4	
Sci. 222—College Physics .....		3 1 4
Ed. 101 .....	3 0 3	
Ed. 102 .....		3 0 3
Ind. 203—Care of Tools and Equipment.....		2 2 2
Ind. 114—Metal Work .....	0 4 2	
Ind. 271—Working Drawings .....	0 4 2	
Ind. 272—Descriptive Geometry .....		0 4 2
Ind. 102—Bench Work (Continued) .....	0 4 2	
Shop—Wood Turning or Equivalent Shop .....	0 4 2	
Ind. 201—Cabinet Making .....		0 4 2
Shop—Elective .....		0 6 2
	18	18

JUNIOR YEAR

	1st. Sem.	2nd. Sem.
	R. L. C.	R. L. C.
Ed. 201—General Methods .....	3 0 3	
Ed. 222—Adolescent Psychology .....		3 0 3
B.A. 351—Elementary Accounting .....	3 0 3	
B.A. 352—Cost Accounting .....		3 0 3
Ind. 202—Cabinet Making .....	0 6 2	
Ind. 302—Wood Finishing .....		1 4 2
Ind. 371—Machine Drawings .....	0 4 2	
Ind. 372—Ind. Arts Design .....		0 4 2
Ind. 301—Industrial History .....	3 0 3	
T. & I. 372—History and Phil. of Voc. Ed.....		3 0 3
Shop—Elective .....	0 6 2	
Shop—Elective .....		0 6 2
Electives .....	3	
Electives .....		3
	18	18

SENIOR YEAR

Ed. 493—Methods of Teaching Industrial Arts....	2 0 2	
Ed. 494—Practice Teaching of Industrial Arts....		1 8 4
Eco. 201—Principle of Economics .....	3 0 3	
Eco. 301—Labor Problems .....		3 0 3
Ind. 471—Architectural Drawing .....	0 4 2	
Ind. 472—Architectural Drawing .....		0 4 2
Ind. 401—Productive Basis .....	0 6 2	
Ind. 402—Productive Basis .....		0 6 2
Shop—Elective .....	0 6 2	
Shop—Elective .....		0 6 2
Electives .....	6	6
	17	17



**BACHELOR OF SCIENCE  
IN  
INDUSTRIAL ENGINEERING**

**FRESHMAN YEAR**

(See Page 34.)

**SOPHOMORE YEAR**

	1st. Sem.			2nd. Sem.		
	R.	L.	C.	R.	L.	C.
Math. 204—Analytical Geometry .....	4	0	4			
Math. 305—Differential Calculus .....				4	0	4
Eng. 204—English Composition .....	3	0	3			
Eng. 212—Public Speaking .....				3	0	3
Sci. 221—College Physics .....	3	1	4			
Sci. 222—College Physics .....				3	1	4
Ind. 201—Cabinet Making .....	0	6	2			
Ind. 202—Cabinet Making .....				0	6	2
Ind. 114—Metal Work .....	0	4	2			
Eng. 115—Surveying .....				1	4	2
Ind. 271—Working Drawings .....	0	4	2			
Ind. 272—Descriptive Geometry .....				0	4	2
P.E. 201—Physical Education .....	0	2	1			
P.E. 202—Physical Education .....				0	2	1

**JUNIOR YEAR**

Math. 306—Integral Calculus .....	4	0	4			
Eng. 205—Metallurgy of Iron and Steel .....				3	0	3
B.A. 251—Elementary Accounting .....	3	0	3			
B.A. 252—Cost Accounting .....				3	0	3
Eng. 417—Heating and Ventilating .....	3	0	3			
Eng. 302—Steam Power Plants .....				0	6	2
Ind. 371—Machine Design .....	1	4	2			
Ind. 372—Industrial Arts Design .....				1	4	2
Eng. 305—Time and Motion Study .....	2	2	3			
Eng. 412—Machine Shop Production .....				0	4	2
Ind. 191—A. C. and D. C. Current Lab. ....	1	4	2			
Eng. 407—Factory Costs .....				3	0	3
Electives .....			2			
Electives .....						2

**SENIOR YEAR**

	1st. Sem.			2nd. Sem.		
	R.	L.	C.	R.	L.	C.
Econ. 201—Economics .....	3	0	3			
B.A. 411—Business Law .....				3	0	3
Eng. 217—Mechanics .....	3	0	3			
Eng. 407—Factory Costs .....				3	0	3
Ind. 471—Architectural Drawing .....	0	4	2			
Ind. 472—Architectural Drawing .....				0	4	2
Eng. 406—Tooling for Mass Production .....	2	0	2			

Eng. 416—Factory Planning .....	1	4	3		
Eng. 402—Scientific Management .....				3	0 3
Electives .....			6		
Electives .....					6

(TECHNICAL TRADES—2 Year Course)

The Curricula in technical training are designed to give the student actual practice in the trade selected under direct supervision of an expert in the trade. Other related subjects of Science, Mathematics, Drafting, etc., are included to assure the individual of a technical foundation for his work.

With permission of the Director, a student may substitute courses of a college level for the related courses in English, Mathematics, etc.

Trade experience are offered in the following:

TECHNICAL TRADES

Wood Work .....	A	Shoe Shop .....	G
Auto Mechanics .....	B	Machine Shop .....	H
Laundry .....	C	Boiler Room Practice .....	I
Tailoring .....	D	Electricity .....	J
Plumbing .....	E	Radio .....	K
Carpentry .....	F		

\* Code number for different shops to be inserted in middle number of registration when student is signing for selected trade, thus 104A indicates that selected trade is in Wood Shop.

Students enrolling in these courses must have the approval of the Director of the Division of Mechanical Arts.

FIRST YEAR

<i>First Semester</i>	Hrs.	<i>Second Semester</i>	Hrs.
Trade 1 ( ) 4A Selected Trade.....	4	Trade 1 ( ) 4B Selected Trade.....	4
Trade 114 Tech. Comp. ....	2	Trade 114B Tech. Comp. ....	2
Trade 124A Shop Math. ....	2	Trade 124B Acct. Tradesman .....	2
Trade 144A Mech. Drawing .....	2	Trade 144B Mech. Drawing .....	2
P.E. 101 Phy. Ed. ....	1	P.E. 102 Phy. Ed. ....	1

SECOND YEAR

Trade 2 ( ) 8A Selected Trade.....	4	Trade 1 ( ) 4B Selected Trade .....	4
Trade 134 Tool Care .....	2	Trade 248B Public Speaking .....	2
Trade 268 Trade Science .....	3	Trade 391 Practical Elect. ....	2
Trade 248A Eng. Grammar .....	2	P. E. 202 Phy. Ed. ....	1
P.E. 201 Phy. Ed. ....	1		

## Department of Trades and Industrial Education

The Department of Trades and Industrial Education serves as the agency, appointed by the State Board of Vocational Education, to offer instruction for the preparation of teachers of Industrial Vocational Education. This function is accomplished, in part, through campus classes for prospective shop and related teachers and, in part, through classes and conferences for teachers in service. The latter meetings are held on weekends at Langston and during the week in centers throughout the state.

Prospective shop and related subject teachers and coordinators secure their technical subject matter in the various divisions of the college, such as the Division of Arts and Sciences, Division of Home Economics, etc. Technical subject matter is supplemented by the professional study offered by this department. State certification requirements include (a) two years of practical experience, in addition to apprenticeship or learning period, in the trade or occupation which is to be taught, for shop teachers, and (b) two years of experience in one trade or occupation for which the related work is given, or the completion of a two-year technical course of college grade, for related subject teachers and (c) three years of experience in a trade or occupation; one year in continuous employment, and two years of teaching experience or the time equivalent in personnel direction, foremanships, or managerial experience, for coordinators in part-time vocational educational programs.

### SPECIAL REQUIREMENTS FOR TEACHERS

All students interested in teaching industrial vocational education shopwork should confer with the Head of the Department of Trade and Industrial Education by the beginning of their sophomore year to plan adequate course sequence in technical study.

### RECOMMENDED COURSES FOR PROSPECTIVE TRADE TEACHERS

*T. & I. 372—History and Philosophy of Vocational Ed. Credit 3 hours*

This course deals with the history and basic principles involved in the philosophy of vocational education. Special emphasis will be placed upon post-war conditions as they will affect vocational education programs.

*T. & I. 383—Introduction to T. & I. Education Credit 3 hours*

Designed as a pre-service, orientation course and will be given as a pre-service course whenever possible.

*T. & I. 392—Instructional Planning Credit 2 hours*

A workshop-type course for the selection and development of schedules of pertinent work experience, job analysis, essential instructional materials and reference assignments. This course is intended to provide instructional materials to meet the immediate needs of the participating teachers for materials not otherwise provided.

*T. & I. 393—Instructional Procedure and Techniques*      *Credit 3 hours*

This course is designed to raise the level of instructional ability of the teacher through a more complete understanding of the basic factors which govern learning and the employment of more effective teaching procedures and techniques.

*T. & I. 394—Supervised Teaching Practice*      *Credit 4 hours*

This course is intended to provide an opportunity for the teachers to apply and further develop, under the supervision of a teacher trainer, the teaching skills partially developed in previous and concurrent courses. Under ideal conditions this supervised teaching practice will be afforded through an apprentice-type teaching situation, with the new teacher acting as an assistant to a competent, experienced instructor.

*T. & I. 462—Occupational Guidance and Re-adjustment*      *Credit 2 hours*

This course will deal with factors relating to vocational counseling, placements and readjustments, and is recommended as a valuable course for trade instructors and those in the school organization who direct and advise high school students and others on the selection of occupation.

*T. & I. 463—Workshop in Preparation and Use of Instructional Aid*  
*Credit 2 hours*

This course affords an opportunity for trade teachers to get information about types of teaching aids that have proven effective, and to design and construct devices which will improve the efficiency of his instruction.

*T. & I. 473—Evaluation of Instruction*      *Credit 3 hours*

A study of the functional devices and procedures especially adapted to evaluating and improving the effectiveness of instruction in trade shop work.

*T. & I. 483—Principles and Practices in Maintaining Good  
Human Relationship*      *Credit 3 hours*

The aim of this course is to give teachers an understanding of principles which apply to maintaining good human relationships, the ability to cooperate effectively with others in developing and promoting the objectives of trade training, and to develop desirable social and work attitudes in students.

*T. & I. 492—Correlation of Training With Industrial and  
Community Needs*      *Credit 2 hours*

The purpose of this course is to develop the teacher's ability to do his part in maintaining functional relationships between local industries and types of training that may be provided through the school. The objectives of the course will be developed through the use of conference procedure, the use of case problems, simulated situations, and supervised practice in making industrial contacts.



*T. & I. 493—Organization and Management of the School Shop**Credit 3 hours*

A study designed to give the teacher a knowledge of the principles of shop organization and management. It deals primarily with the utilization of available space, equipment, tools, and materials, and suggests means of carrying on student and teacher activities for effective operation of the school shop.

*T. & I. 494—Public Relations in Vocational Education* *Credit 2 hours*

This course is designed to further the development of a planned program of good relations with cooperating agencies and the public.

*T. & I. 496—Organization and Administration of Adult Industrial Vocational Education Program**Credit 2 hours*

This course deals with the purposes and techniques used in organizing and administering adult trade extension programs.

**SPECIAL TRADE COURSES**

Auto Mechanics	Electrical Repair
Brick Masonry	Machine Shop
Carpentry	Radio Servicing
Commercial Dietetics	Shoe Repair
Cosmetology	Dress Making
Furniture Repair & Upholstering	

The trade courses offered provide the basic training in each of the various trades enabling graduates to get jobs, show their ability, and to be steadily promoted in the trade in which they have received training. On completing of a trade training course the State Board of Vocational Education and Langston University issue trade certificates certifying hours completed and students rating. Trade and technical trade training is not given for college credit, the chief objective being training for employment and advancement in the chosen trade or industry.

Cosmetology graduates complete the 1000 clock hours required by the State Board of Cosmetology for eligibility to the state examination required before one can work in Oklahoma.

**Description of Courses***T. & I. Auto Mechanics*

Designed to give maintenance service station operation and reconditioning service.

*T. & I. Carpentry*

This course in carpentry is designed to give the student progressive practical experience in all branches of carpentry work under the supervision of the shop instructor.



*T. & I. Commercial Dietetics*

This course offers an opportunity for young men and women to secure sound training in the commercial aspects of buying, preparing, and serving foods.

*T. & I. Cosmetology*

This course is designed to provide a higher type of training for youth and adults interested in earning a living in the field of cosmetology. It provides training under actual working conditions and gives the technical information which the worker needs to succeed and advance in this field. The trainees are equipped to pass the State Board examination.

*T. & I. Brick Masonry*

This course in brick masonry is designed to give the student progressive practical experiences in all branches of masonry work under the supervision of the shop instructor.

*T. & I. Electrical Repair*

Designed to give progressive practical experience in electrical work under the guidance of a shop instructor.

*T. & I. Radio Servicing*

A course designed to give radio servicing procedure with experience in servicing actual production jobs.

*T. & I. Shoe Repair*

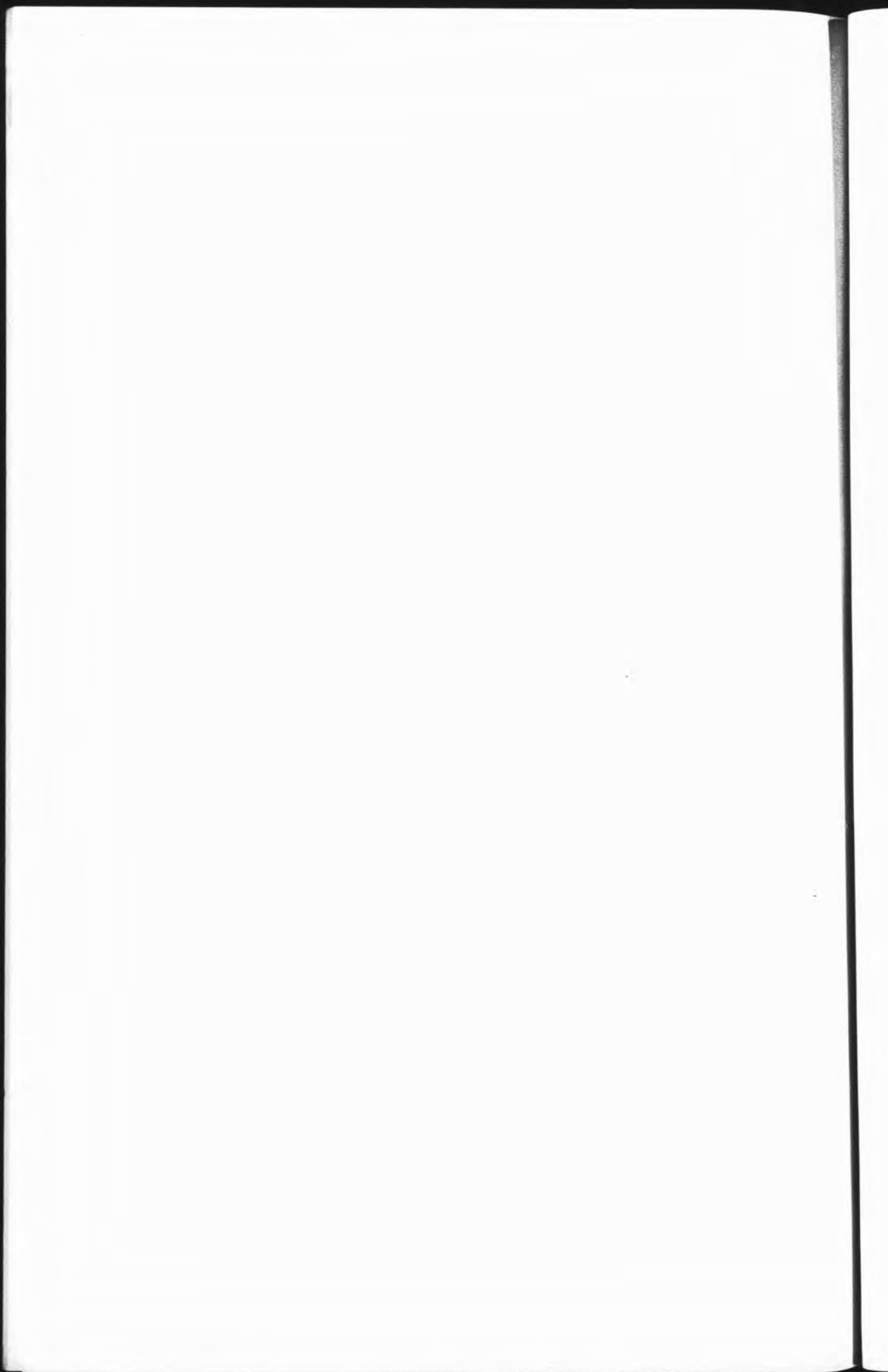
The students in this course are taught a general course in shoe repairing; such as half-soleing and heeling all types of shoes, dyeing, repairing rips, lasting shoes, and all repair jobs. The operation and care of shoe repair machinery and tools, and the ways of selecting and judging leather and other shoe repair materials.

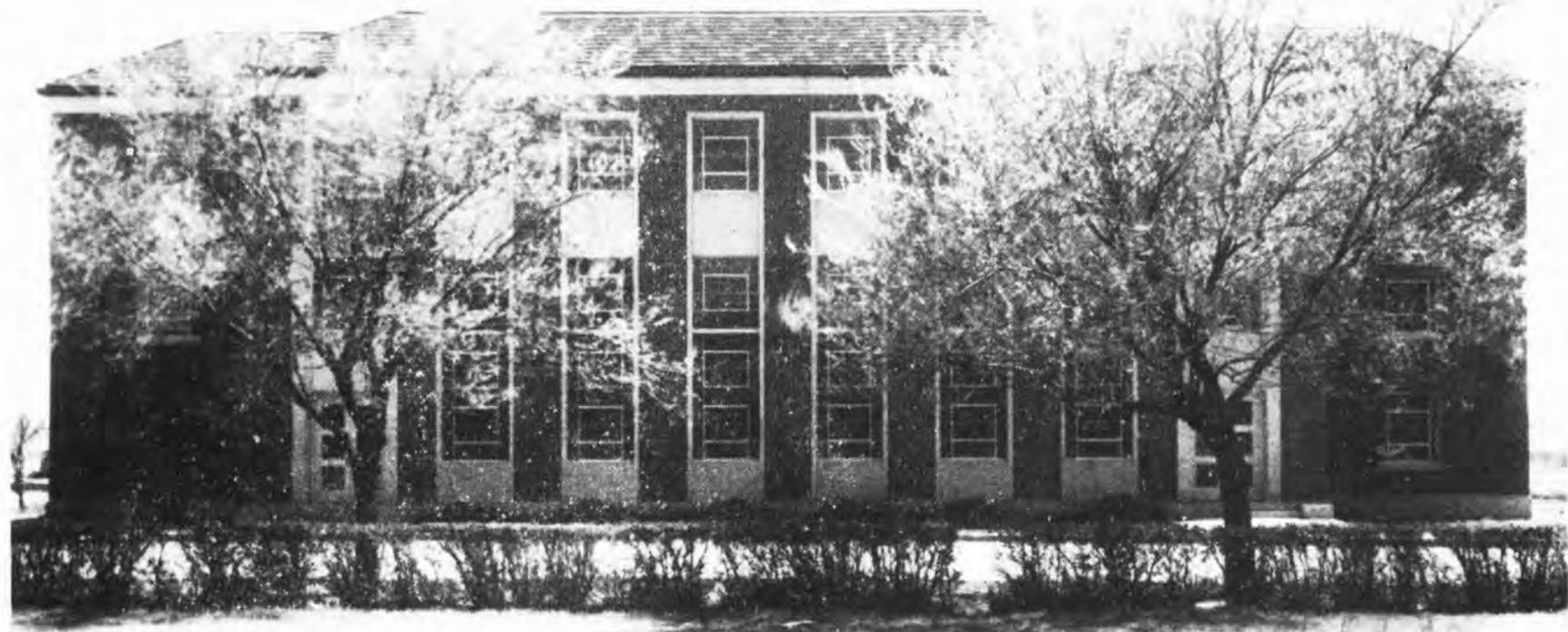
*T. & I. Dress Making*

Shop practice in the construction of garments for customers. Appreciation of principles of design and pattern making for different types of garments. Problems involving techniques in handling various materials and designs.

*T. & I. Furniture Repair and Upholstering*

This course is designed to give students a broad training in the art of furniture repair and the upholstering of all types of furniture, and includes the making of draperies and slip covers.





THE LIBRARY

**GRADUATES**  
**SPRING CONVOCATION**

**May 26, 1950**

DIVISION OF AGRICULTURE

*B. S. in Agriculture*

Abernathy, Calvin Marshall—Agriculture	Patterson, Glen Marcellus—Agriculture
Johnson, Randolph David—Agriculture	Stephens, Darl Wendell—Agriculture
Lewis, Lawrence Edward—Agriculture	Swain, Robert Alphonso—Agriculture
Logan, Melvin—T. Agriculture	Thomas, Zechariah R. D. T.—Agriculture
Marshall, Thomas—Agriculture	Wells, Jonathan—Agriculture
Parker, Louis Burnette—Agriculture	Williams, Walter, Jr.—Agriculture

DIVISION OF ARTS AND SCIENCES

*Bachelor of Arts*

Abram, Flora Altheda—Music	Dillion, Lorraine Wright—Sociology
Anderson, Erma Dean—English	Henderson, Juanita Pearl—Music
Barrett, Otissey Jean—English	Hicks, Leroy Jerome—Music
Boyd, Arthur Delbert—Art	Hutcherson, Bernice Beatrice Ray—Sociology
Boyd, Florence Inman—History	Jackson, Jewel Lorraine—Sociology
Brown, Bettye Sue Louise—Sociology	James, Spencer McKinley—Sociology
Chocolate, Maurice Yvonne—Music	Jenkins—Roma Elsie—English
Coleman, Annie Laurie—History	Johnson, Ima—Music
Cooper, Ollie Emanuel—Biology	Lucas, Goldie—English
Crowell, Frances Elizabeth—Biology	McClelland, Lillian Orene—Sociology
Davis, Elmer Lee—Music	Mast, Jimmie Leo—Biology
Meeks, Walter Alvin—History	Sharp, Wanda Faye—Sociology
Moze, Tallie, Jr.—Music	Smith, Eura Lee A.—Art
Phillips, Johnnie Mae—English	Smith, Zemula Ernestime—History
Roberson, Eugene Edward—History	Thompson, Dorothy Mae—History
Robinson, Nathaniel—Biology	Williams, James Edward—Music
Shackelford, Antoinette Fuhr—English	Williams, J. Marie—History

*Bachelor of Science*

Alford, Violet Juliettee—Commerce	Kemp, Herbert Cylvester—Biology
Anderson, Chester James—Mathematics	Kirk, Wesley William—Business Administration
Autry, Otis—Biology	Mayfield, Velma Christian—Commerce
Clemmons, James Thomas—Biology	Musgrove, Lettia Sailing—Commerce
Cudjoe, Harold Samuel—Biology	Pope, Reginald Bryant, Jr.—Physical Education
Dozier, Sylvester, Jr.—Physical Education	Saunders, Leonard Ingram—Mathematics
Drake, Merci Lee—Commerce	Scott, Janie—Commerce
Dunn, Willie Mae—Commerce	Shaver, James Dewey—Biology
Ewing, Willie David—Business Administration	Shortridge, William Matthew—Business Administration
Foster, Edwin—Chemistry	Thomas, Dorothy Mae—Commerce
Franklin, Sylvester—Chemistry	Tumey, Charles Payton—Physical Education
Guess, James Edward—Mathematics	Willis, Charles Everett—Biology
Harris, Henderson, Jr.—Business Administration	Young, Glendowlyn Othella—Chemistry
Herron, Clarence—Biology	
Hollis, Luther Welton—Mathematics	
Hytche, William Percy—Mathematics	

## DIVISION OF EDUCATION

*Bachelor of Science in Elementary Education*

Alexander, Irene	Hicks, Carrie Mae
Autry, Ruth Ella	Johnson, Doris Jean
Brooks, Ovell Frances	Jordan, Connie Mae
Chapman, Bettye Jean	Phea, Evelyn Jean
Cobb, Jewel Allean	Robinson, Marie Leonora
Dockery, Marie Victoria	Stephens, Delois Elouise
Franklin, Marjorie Delora	Stevenson, Hattie Marie
Gross, Betty Lou	Stubbs, Lenore Neva
Guess, Virgil Arlene	Turner, Ella Mae

## DIVISION OF HOME ECONOMICS

*Bachelor of Science in Home Economics*

Anderson, Florence Anna	Herron, Genella Jean
Battle, Erma Ruth	Lee, Mary Elizabeth Meeks
Darrington, Vera M.	Littles, Ida Mae
Gaffney, Bettye Jean	Mayer, Lillian Roxie
Green, Louise Maud	Moore, Ruth Leonore
Hamilton, Charlotte Kern	Randall, Muriel Shirley
Haynes, Joanna	Richard, Carrie
	Thomas, Vassie Calvin



## DIVISION OF MECHANIC ARTS

*Bachelor of Science in Industrial Arts*

Black, L. Z.	Mack, Andrew Jr.
Cudjoe, Wilburt	Neal, Lonnie George
Davis, Joseph A.	Neal, Nathaniel Joshua
Dewberry, Lester Clayborne	Payne, Jackson
Drkake, Selma	Penn, Napoleon
Fields, Alonzo	Randle, Ben, Jr.
Henderson, Clifford Ray	Smith, Charles Walter
Johnson, Cal	Stevenson, Wilbur
Jones, Alexander	Tabb, Henry Lee, Jr.
Jones, Jack Edward	Wagner, Arthur Jr.
McGee, Vera Mae	Watley, Earnest Varice

Young, Irving Lee

**Trade Certificates****AUTO MECHANICS**

Anderson, Acie L.	Anderson, Williams
	Hytche, Elbert Jr.

**BRICK MASONRY**

Cooper, Mack L.	Love, Alvin C.
	Parrish, Theodore

**CARPENTRY**

Baronom, Lee Andrew	Davidson, Leroy
Bowens, Rufus, Jr.	Wade, Lynwood
	Ward, Chester Allen

**COMMERCIAL COOKING**

Davis, Eddie Mae

**COSMETOLOGY***Operator's Certificates*

Bowens, Dockie Mae	Dixon, Alberta B.
Brown, Faye Lula	Patmon, Gwendolyn V.
Crawford, Norma Jean	Thomas Mildred M.
	Warren, Patricia Ann

*Instructor's Course*

Davis, Rosa Lee

**SHOE MAKING**

Foreman, Quinnie	Marshall, Willie James
James, Melvin	Waters, Curtis C.

**Scholastic Honors**

**MAGNA CUM LAUDE**

Autry, Otis	Dillion, Lorraine Wright
Coleman, Annie Laurie	Foster, Edwin O.
	Gaffney, Bettye Jean

**CUM LAUDE**

Alford, Violet	Neal, Nathaniel Joshua
Anderson, Florence Anna	Paker, Louise Burnette
Hamilton, Charlotte Kern	Patterson, Glenn Marcellus
Jackson, Jewell Lorraine	Rhea, Evelyn Jean
McGee, Vera Mae	Robinson, Nathaniel
Neal, Lonnie	Shackefford, Antoinette Fuhr
	Shaver, James D.

**WITH DISTINCTION**

Hutcherson, Bernice Ray	Stubbs, Lenora Watson
Johnson, Ima	Williams, J. Marie
	Young, Glendowlyn Othella

**AWARDS**

Alpha Kappa Alpha Sorority Scholarship Award .....	\$66.00
Alford, Wessylne	
Evelyn Pittman Choir Music Scholarship Award .....	\$50.00
Townsell, Gertrude Lee	
Langston University Alumni Association Scholarship Awards.....	\$50.00
Alford, Wessylne	Lee, Daniel Webster
	Young, Glndowlyn Othella
Danforth Foundation Award for Christian Leadership .....	\$10.00
Evans, Valadean	Hytche, William Percy

*Name*  
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## STUDENT ROSTER

1949-1950

## FRESHMEN

<i>Name</i>	<i>Home Town</i>
1. Abram, W. B. ....	Ardmore
2. Adams, Ben .....	Tulsa
3. Alexander, Opal Mae .....	Sapulpa
4. Algee, John Alford .....	Claremore
5. Anderson, Mary Jane .....	Newkirk
6. Anderson, Mary Lee .....	Muskogee
7. Anderson, Mildrige .....	Earlsboro
8. Arnold, Joyce .....	Frederick
9. Atkinson, Matthew T. ....	Langston
10. Autry, Loveta E. ....	Beggs
11. Banks, Thurmel L. ....	Boley
12. Barbee, Ruth .....	Choctaw
13. Battle, Dovell .....	Boley
14. Beavers, Lennie Mae .....	Pawhuska
15. Belcher, Johnnie .....	Vian
16. Blackwell, Theodore S. ....	Gearv
17. Blye, Beulah G. ....	Vinita
18. Bolden, Nesby Boyd Jr. ....	El Reno
19. Bowens, Helen M. ....	Cement
20. Breckenridge, Alice K. ....	Hennessey
21. Breckenridge, Lorenzo .....	Bristow
22. Breckenridge, Vernon D. ....	Okeene
23. Brinkley, Velma L. ....	Lenopah
24. Brooks, Paul O. ....	Langston
25. Brown, Cleo .....	Wewoka
26. Brown, Julia Ann .....	Ardmore
27. Burch, Archie Jr. ....	Boswell
28. Calaway, Tom .....	Lawton
29. Caldwell, Jommye LaRue .....	Lawton
30. Cannon, Alonzo E. ....	Oklahoma City
31. Carney, Elizabeth Ann .....	Rentiesville
32. Carruthers, John W. ....	Altus
33. Carter, Odell Henry .....	Hoffman
34. Cash, Walter Sidney .....	Lawton
35. Chamberlain, Clotiel L. ....	Oklahoma City
36. Chappell, John Henry .....	Oklahoma City
37. Clark, George Ayers .....	McAlester
38. Clark, Josephine .....	Ada
39. Cobb, Opal Thelma .....	Taft
40. Cochran, Leslie H. ....	Guthrie
41. Colbert, Evelyn L. ....	Guthrie
42. Collier, Rufus L. ....	Beggs
43. Cotton, Velma Ruth .....	Harris
44. Crawford, Margaret M. ....	Hominy
45. Crawford, Nathan David .....	Hominy
46. Criner, Donald .....	Muskogee
47. Crowell, Bernard G. ....	Chickasha
48. Cumby, Ulysses Gus .....	Langston
49. Cunningham, Viola T. ....	Pawhuska
50. Dailey, Lloyd T. ....	Eufaula

51.	Dallas, Willard D.	Ada
52.	Daniels, Julia Mae	Castle
53.	Davis, Majalean	Oklahoma City
54.	Davis, Mary Alean	Oklahoma City
55.	Davis, Lorell	Sapulpa
56.	Dawson, James R.	Guthrie
57.	Dennis, Bertha	Nowata
58.	Denton, Annettea J.	Oklahoma City
59.	Desmuke, Lamar D.	Muskogee
60.	Dixon, William	Boley
61.	Dobbin, Barbar J.	Kansas City, Kansas
62.	Dowd, LaJuana J.	Sulphur
63.	Dozier, Margaret	Vernon
64.	Duke, Odis	Boley
65.	Edwards, Doretha M.	Meridian
66.	Edwards, Henry R.	Ardmore
67.	Edwards, Pearl	Jones
68.	Edwards, Roscoe	Vernon
69.	Embry, Robert	Sapulpa
70.	Evans, Betty Raye	Poteau
71.	Evans, Valadean	Poteau
72.	Ervin, Douglass J.	Perry
73.	Fayemi, Abraham B.	Ljebu Ode, Nigeria
74.	Fields, Norma Dean	Shawnee
75.	Flanigan Virginia	Ponca City
76.	Fleming, Robert E.	McAlester
77.	Ford, Florence La June	Muskogee
78.	Fort Geraldine	Purcell
79.	Fortson, Mary C.	Bridgeport
80.	Foshee, Jacquelyn	Sapulpa
81.	Fowler, Margaret A.	Tulsa
82.	Franklin, Victoria	Taft
83.	Franks, Lucille	Tishomingo
84.	Freeman, Thomas C.	Tulsa
85.	Frost, Allen L.	Decatur, Ill.
86.	Fuqua, James	Sand Springs
87.	Gardner, Harold Lee	Sapulpa
88.	Givens, Quincy J.	Broken Bow
89.	Glenn, Grover Vernell	Wewoka
90.	Gracey, Billye J.	Muskogee
91.	Gray, Margaret E.	Muskogee
92.	Grayson, Charlie	Oklahoma City
93.	Grayson, Thomas	Porter
94.	Greene, Mack Jr.	Wright City
95.	Green, Nureal	Blanchard
96.	Greene, Eileen L.	Duncan
97.	Greene, Llwellyn L.	Langston
98.	Greene, Romayne	Langston
99.	Grimes, Gbar Aaron	Monrovia, Liberia
100.	Hale, Joyce J.	McAlester
101.	Hamlin, Andrew B.	Guthrie
102.	Hamlin, Gerlainde A.	Guthrie
103.	Hamlin, Josephin	Holdenville
104.	Hammond, Genevee B.	Bristow
105.	Hammond, Willie	Bristow
106.	Hargrove, Isaac W.	Langston

107.	Hawkins, Donald G.	Crescent
108.	Haynes, Fred L.	Porter
109.	Heatley, Marian L.	Tulsa
110.	Hester, Charlene	Beggs
111.	High, Barberita O.	Luther
112.	Hill, Velaria C.	Ardmore
113.	Hooks, Theron Q.	Tatums
114.	Hollen, Mack	Harris
115.	Holmes, Clinton J.	Beggs
116.	Hooks, Arlene	Tatums
117.	Hooks, Bernice M.	Tatums
118.	Hornbeak, Gertrude T.	Stroud
119.	Horton, Lawrence D.	Checotah
120.	Ingram, Margaret	Miami, Florida
121.	Jackson, James	Sand Springs
122.	Jackson, Kay F.	Bristow
123.	Jackson, Neeley B.	Tatums
124.	Jefferson, James	Illinois
125.	Johnson, Charles	Wagoner
126.	Johnson, Charlie	Weleetka
127.	Johnson, Jack	Lawton
128.	Johnson, Jesse D.	Cushing
129.	Johnson, Mae Kathryn	Haskell
130.	Johnson, Rosetta A.	Muskogee
131.	Jones, Alice L.	Tulsa
132.	Jones, Dorista C.	Langston
133.	Jones, Jesse R.	Lawton
134.	Jones, Louis	Frederick
135.	Kellum, Annie M.	Kellyville
136.	Kimble, Norma J.	Muskogee
137.	Kyles, John H.	Okmulgee
138.	Lamarr, Marie T.	Rentiesville
139.	Lewis, Charles H.	Joliet, Illinois
140.	Lewis, Smithy	Oklahoma City
141.	Logan, Nadine Y.	Wewoka
142.	Love, Benester	Ardmore
143.	Lovings, Racquel A.	Beggs
144.	Lowe, Jesse O.	Taft
145.	Lowe, Thelma M.	Cushing
146.	Lucas, Eva Dell	Davis
147.	McDaniel, George	Sand Springs
148.	McBrier, Dorothy	Muskogee
149.	McDonald, Lillian	Oklahoma City
150.	McDonald, Mary	Oklahoma City
151.	McKinney, Lovell L.	Anadarko
152.	McNeely, Lou Stacie	Oklahoma City
153.	Marshbanks, Earl	Taft
154.	Marzett, Ollie Mae	Mangum
155.	Mathews, Willena F.	Pawhuska
156.	Matthews, Homer Lee	Guthrie
157.	Mayes, Callie Mae	Muskogee
158.	Mayes, Wiley T.	Vernon, Illinois
159.	Middleton, Bessie	Porter
160.	Miles, George	Hoffman
161.	Miles, Herbert	Hominy
162.	Miller, Lois M.	Mangum



163.	Milsap, Samuel R.	Coyle
164.	Moore, Odette	Cushing
165.	Morgan, Hal	Tishomingo
166.	Morris, Corneluis	Shawnee
167.	Murray, Imogene A.	Stillwater
168.	Myers, Eugene	Ardmore
169.	Nelson, Girtha Mae	Wagoner
170.	Ner, Kherry	Luther
171.	Nero, Willie R.	Muskogee
172.	Nichols, Joe Jr.	Temple
173.	Nicholson, Robert J.	El Reno
174.	Odom, Junita V.	Chickasha
175.	Oliver, Carlwell	Oklahoma City
176.	Osborne, Ned	Eufaula
177.	Owens, Henry W.	Red Bird
178.	Owens, Verna Mae	Enid
179.	Paulden, George R.	Oklahoma City
180.	Patterson, Charles	Oklahoma City
181.	Peacher, Wilbert G.	Enid
182.	Penman, Melba Lee	Langston
183.	Pittman, Elizabeth	Oklahoma City
184.	Purvey, William	Ardmore
185.	Polk, Dahlia S.	Luther
186.	Raglin, Milton	Wetumka
187.	Reed, Lula Mae	Tulsa
188.	Reed, Roy Eugene	Lawton
189.	Rice, Earl	Mt Vernon, Illinois
190.	Richardson, Mabel H.	Okmulgee
191.	Richardson, Susie M.	Tulsa
192.	Roberson, Daniell	Pawhuska
193.	Rodgers, Frank E.	Tulsa
194.	Roe, George Booker	Ada
195.	Rolfe, Fannie Lee	Idabel
196.	Roseborough, Ira L.	Red Bird
197.	Rushing, Josephine	Wynnewood
198.	Russell, Herman Master	Muskogee
199.	Sanders, Edwina	Poteau
200.	Sanders, Herman	Harris
201.	Sharp, Hugh Wilson	Guthrie
202.	Shawnee, LeFrederick	Oklahoma City
203.	Shelton, Betty Jean	Wewoka
204.	Sims, Oliver	Lawton
205.	Smith, Anze La Vetta	Jones
206.	Smith, James W.	Spencer
207.	Sneed, Mabel F	Oklahoma City
208.	Speed, Juanita L.	Muskogee
209.	Standford, William G.	Castle
210.	Starr, Billie	Taft
211.	Stephens, Carl H.	Dover
212.	Stephens, Robert	Dover
213.	Sterling, Alyce	Altus
214.	Stevenson, Novella W. L.	Boley
215.	Stevenson, William	Davis
216.	Stewart Hayes, Mae B.	Oklahoma City
217.	Stripling, Moss A.	Holdenville
218.	Sudduth, Robert L.	Tulsa

219.	Taylor, Helen	Sand Springs
220.	Thomas, Edsel F.	Taft
221.	Taylor, George	Purcell
222.	Thompson, Dolphin G.	Guthrie
223.	Thornton, Everett	Langston
224.	Tompkins, Dorothy R.	Beggs
225.	Tucker, Nathella W.	Haskell
226.	Turner, Dorothy Lee	Wewoka
227.	Turner, Mable	Langston
228.	Turner, Willie Victoria	Altus
229.	Walker, Anthony Jr.	Fallis
230.	Walker, Dorothy E.	Tulsa
231.	Walker, Ineatha	Boley
232.	Walker, James C.	Muskogee
233.	Walker, Mary L.	Edna
234.	Warren, Patricia Ann	Langston
235.	Warrior, Zenophon	Checotah
236.	Watson, Mary F.	Idabel
237.	Wedgeworth, Willie L.	Spencer
238.	Wells, Robert Lee	Muskogee
239.	West, Samuel C.	Nowata
240.	West, Wister Jr.	Wewoka
241.	Wharton, Dolphin A.	Guthrie
242.	Whitlow, Elmwood	Oklahoma City
243.	Wilkes, Lulu Bell	Tulsa
244.	Williams, Adella L.	Oklahoma City
245.	Williams, Cecil	Fairfax
246.	Williams, Frank M.	Boynton
247.	Wimberly, Cora Lee	Chickasha
248.	Wilson, Ella J.	Tulsa
249.	Wilson, Gladys Jo	Pauls Valley
250.	Wilson, Willia Mae	Tulsa
251.	Winn, Aurora LaVerne	Guthrie
252.	Withers, Edith M.	Cushing
253.	Woodard, Nathaniel L.	Vernon
254.	Woods, Selby	Chicago, Illinois
255.	Wytch, Doris	Fort Gibson
256.	Wytch, Venson O.	Fort Gibson
257.	Younger, Margaret J.	Guthrie
258.	Quarles, Reba	Oklahoma City

**STUDENT ROSTER**

**1949-1950**

**SOPHOMORES**

<i>Name</i>	<i>Home Town</i>
1. Abram, James R.	Oklahoma City
2. Absolan, Ronald A.	Ardmore
3. Ackerson, Ben Edward	Muskogee
4. Adair, Thelma L.	Oklahoma City
5. Adams, Thomas E.	Spencer
6. Alford, Wessylne E.	Weleetka
7. Artry, Marvin James	Lehigh
8. Audie, Norman	Oklahoma City
9. Baker, Bobbie C.	Snyder

10.	Barber, Eli H.	Guthrie
11.	Battles, James	Hugo
12.	Bennett, Evelyn L.	Broken Bow
13.	Black, Pegge J.	Bartlesville
14.	Booker, Rosa Lee	Sapulpa
15.	Brandy, Ozella	Muskogee
16.	Brooks, Carrie Belle	Langston
17.	Brooks, Dorothy	Muskogee
18.	Brown, Nadine K.	Stroud
19.	Burleson, Ruth Helen	New Port
20.	Burnett, Delbert	Oklahoma City
21.	Busby, John W.	Taft
22.	Butler, Herbert A.	Cushing
23.	Campbell, Dorthy	Langston
24.	Carroll, Martha Ann	Tulsa
25.	Carson, Raye LeVon L.	Cushing
26.	Carruthers, Mae Lee	Claremore
27.	Castle, Leneice	Sand Springs
28.	Chavis, Kanawha Z.	Luther
29.	Cherry, B. C.	Tulsa
30.	Clark, Martha Anne	Muskogee
31.	Clegg, Edna Mae	Watonga
32.	Coffey, Vernon	Anadarko
33.	Cole, Dora Louise	Tam
34.	Coley, Spears Louise	Oklahoma City
35.	Coleman, Jean Winifred	Claremore
36.	Combs, Alberta J.	Boley
37.	Cosby, Alice Mae	Oklahoma City
38.	Cotton, Chappie M.	Oklahoma City
39.	Cowan, Ruby L.	Porter
40.	Crawford, Otha L.	Muskogee
41.	Craven, Lillie Pearl	Geary
42.	Cross, Andrew J.	Prague
43.	Cudjoe, Alvin	Seminole
44.	Daniels, Samuel	Oklahoma City
45.	Davis, Jesse	Geary
46.	Davis, Rosa Lee	Geary
47.	Dewberry, Ernest E.	Ponca City
48.	Doughty, Barbara Jean	McLoud
49.	Doyel, John R.	Little Rock, Arkansas
50.	Duke, Roy	Altus
51.	Duke, Wanda Marie	Watonga
52.	Dulan, Stanley S.	Guthrie
53.	Edward, James	Tulsa
54.	Ellis, Clarence	Guthrie
55.	Fails, Helen L.	Oklahoma City
56.	Fitzhugh, Almonia A.	Oklahoma City
57.	Floyd, William Lee	Oklahoma City
58.	Ford, Johnnie Lee	Hoffman
59.	Fortner, Raymond A.	Oklahoma City
60.	Foshee, Donald W.	Muskogee
61.	Foshee, Waymond B.	Sapulpa
62.	Franklin, Melvin	Oklahoma City
63.	Franklin, Palecia L.	Hennepin
64.	Frederick, Ellsworth	Cushing
65.	Gardner, Seclina M.	Sapulpa

66.	Gary, Oliver .....	New York, New York
67.	Goodridge, Marshall L. ....	Oklahoma City
68.	Gordon, Dorell .....	Oklahoma City
69.	Green, Anna Lee W. ....	Castle
70.	Green, Pearl Mae .....	Altus
71.	Gunn, Alex M. ....	Newkirk
72.	Hansard, James W. ....	Okmulgee
73.	Hansard, Lillian Ruth .....	Idabel
74.	Hardmond, Roy E. ....	Sapulpa
75.	Harris, Raphael .....	Broken Bow
76.	Haynes, Maythel .....	Goodnight
77.	Hermit, Kermit .....	Langston
78.	Hill, Doris O. ....	Boley
79.	Hogg, Nadine R. ....	Tatums
80.	Holloway, Ernest Lee .....	Okemah
81.	Hooper, John J. ....	Taft
82.	Hudson, Zeporah William .....	Sand Springs
83.	Hunt, Eunice E. ....	Hugo
84.	Hunter, William D. ....	Boswell
85.	Jackson, Cyrus O. ....	Jones
86.	James, Dorothy Mae .....	Eufaula
87.	Johnson, Adlee .....	Tulahassee
88.	Johnson, Charley Mae .....	Tulahassee
89.	Johnson, Earnestine .....	Muskogee
90.	Johnson, Evelyn Rhea .....	Snyder
91.	Jones, Alexander A. ....	Muskogee
92.	Jones, Bessie V. ....	Guthrie
93.	Jones, Eloise A. ....	Langston
94.	Jones, Helen Daye .....	Guthrie
95.	Jones, Johnnie B. ....	Wewoka
96.	Jones, Leroy .....	Weleetka
97.	Jones, Margurette T. ....	Okmulgee
98.	Jones, Washington .....	Oklahoma City
99.	Kemp, Eron E. ....	Lehigh
100.	Kemp, William H. ....	Shawnee
101.	Kirkpatrick, Leroy .....	Muskogee
102.	Lawson, Fred .....	Stillwater
103.	Lee, William M. ....	Lawton
104.	Lewis, Billie .....	El Reno
105.	Lewis, Eddie .....	Oklahoma City
106.	Lewis, Richard E. ....	Spencer
107.	Lindsey, Clara C. ....	Langston
108.	Littlejohn, Virgil .....	Hugo
109.	Lockett, George W. ....	Stillwater
110.	Love, David .....	Tishomingo
111.	Lurks, Ruth .....	Fort Gibson
112.	McCann, Clinton .....	Spencer
113.	McCurdy, Cecil E. ....	Hartshorne
114.	McFall, Clifford .....	Cleveland
115.	McGee, Lola Dorothy .....	Lawton
116.	McGlaithing, Andrew E. ....	Okmulgee
117.	McHenry, Evelyn A. ....	Red Bird
118.	Mayes, Menzola J. ....	Boley
119.	Miller, Clarence .....	Frederick
120.	Miller, Coree L. ....	Cushing
121.	Minnis, Delbert .....	Oklahoma City



122.	Morris, Walter L.	Holdenville
123.	Myers, Marion M.	Chemistry
124.	Nelson, Tim Jr.	Pleasant Hill, Mo.
125.	Noble, Rosetta T.	Tulsa
126.	Oguinn, Delbert	Wewoka
127.	Oliver, Carlwell	Oklahoma City
128.	Owens, Earlene J.	Harris
129.	Owens, Raymond	Sapulpa
130.	Parker, Charles S.	Holdenville
131.	Parker, Grant	Seminole
132.	Patterson, Charles H.	Ponca City
133.	Paul, Ted	Rentiesville
134.	Pearce, Billy	Sapulpa
135.	Peoples, Leona Delois	Sapulpa
136.	Pennington, Carl C.	Wewoka
137.	Perry, Glenn Oliver	Idabel
138.	Persley, Zerl Lee	Lawton
139.	Pettus, Della F.	Langston
140.	Pike, Elizabeth	Langston
141.	Porter, Ernestine	Weleetka
142.	Pratt, Charles	Eufaula
143.	Quinn, Willie H.	Luther
144.	Ramsey, Della Mae	Porter
145.	Reed, Wilma E.	Oklahoma City
146.	Rentz, Arthur Lee	Wichita Falls
147.	Richardson, Samuel M.	Tulsa
148.	Riley, William D.	Muskogee
149.	Roberts, Neoma	Okmulgee
150.	Robinson, Cleophus A.	Spencer
151.	Rowland, Romeola I.	Muskogee
152.	Russell, Merwyn B.	Taft
153.	Sanders, Anderson V.	Oklahoma City
154.	Sanders, Letha	Poteau
155.	Simpson, Beatrice	Luther
156.	Smith, Christine	Idabel
157.	Smith, Dorothy P.	Henryetta
158.	Smith, Erma V.	Seminole
159.	Smith, Rudolph B.	Okmulgee
160.	Spigner, Theophilus	Ardmore
161.	Stallworth, Dorothy	Boley
162.	Statum, Guyscemo	Oklahoma City
163.	Storey, Dorothy Mae	Denison, Texas
164.	Street, Flossie N.	Tulsa
165.	Sudduth, Bettye	Tulsa
166.	Summers, Bobbie L.	Hobart
167.	Summers, Exzola B.	Hobart
168.	Taylor, Ruth B.	Ardmore
169.	Thomas, Cora Lee	Idabel
170.	Tounsell, Gertrude Lee	Red Bird
171.	Trotter, Maxcel E.	Mangum
172.	Tucker, Francis H.	Ponca City
173.	Walker, Letha Mae	Lawton
174.	Wallace, Julian	Tulsa
175.	Walthall, Savantha Lee	Bartlesville
176.	Walton, Vernon L.	Joliet, Ill.
177.	Watson, Colleen A.	Cinti, Ohio



178.	Watson, Oattie V. ....	Choctaw
179.	Weathers, Tommie .....	Tulsa
180.	Webb, Roy William .....	Alberqueque, New Mexico
181.	Webster, Louise C. ....	Holdenville
182.	West, Mary Ann .....	Wewoka
183.	White, Aubry .....	Lawton
184.	Whiteside, Mattie M. ....	Luther
185.	Wilburn, Alvin David .....	Porter
186.	Wiley, Clarence .....	El Reno
187.	Wiley, Jessie .....	Chandler
188.	Williams, Arnold E. ....	Tulsa
189.	Williams, Edgar D. ....	Oklahoma City
190.	Williams, Ora Lee .....	McLoud
191.	Williams, Ulysses .....	Oklahoma City
192.	Williams, Wanda Anita .....	Chickasha
193.	Willis, Lorenzo .....	Muskogee
194.	Wilson, Mary E. ....	Oklahoma City
195.	Winslett, Agnes J. ....	Tatums
196.	Winslett, Lorenzo .....	Tatums
197.	Woods, Emma Mae .....	Spiro
198.	Wright, Charles Q. ....	Beggs
199.	Wyatt, Ellsworth .....	Guthrie
200.	Young, Carolyn E. ....	Tishomingo

**STUDENT ROSTER**

**1949-1950**

**JUNIORS**

<i>Name</i>	<i>Home Town</i>
1. Ables, Clyde .....	Guthrie
2. Ables, Velda Lee .....	Guthrie
3. Adams, Freddie M. ....	Chickasha
4. Allman, Thelma P. ....	Taft
5. Armstrong, William .....	Sand Springs
6. Arnold, Charles .....	Lehigh
7. Austin, Janie .....	Ponca City
8. Barber, Mae Dean .....	Guthrie
9. Bates, Arthur .....	Tulsa
10. Battles, McCoy .....	Seminole
11. Beaty, Lawrence .....	Muskogee
12. Bell, John .....	Idabel
13. Bennett, LaFlorence Marie .....	Pawhuska
14. Bolden, George A. ....	Yuma, Arizona
15. Bowen, Florestine .....	Muskogee
16. Brackeen, Earl .....	Muskogee
17. Bradford, Amos A. ....	Taft
18. Brent, William .....	Tulsa
19. Brown, Clarence Eugene .....	Galveston, Texas
20. Brown, Curtis .....	Weleetka
21. Bruner, George W. Jr. ....	Porter
22. Busby, Edgar H. ....	Chandler
23. Busby, Everett C. ....	Chandler
24. Butler, Gloria Faye .....	Hugo
25. Carjabal, Albert .....	Oklahoma City
26. Card, Alfretta C. ....	Coweta

27.	Chandler, Mildred L.	Tulsa
28.	Clayton, Enos	Muskogee
29.	Cooksey, Nonnette	Oklahoma City
30.	Cooper, Lillian	Lawton
31.	Crenshaw, George	Wewoka
32.	Criner, Ernestine M.	Muskogee
33.	Cudjoe, Freeland	Seminole
34.	Daniels, Delbert E.	Cleveland
35.	Davis, Collis D.	Okmulgee
36.	Davis, Willie M. Fulbright	Ada
37.	Denton, Curtis	Luther
38.	Dewberry, Ella	Stillwater
39.	Dinwiddie, Odell F.	Taft
40.	Doakes, Dorothy	Beggs
41.	Duty, Vivyann Theodesso	Muskogee
42.	Edwards, Albert	Muskogee
43.	Emery, Cecil	Boley
44.	Faucett, Frederick	Joliet, Illinois
45.	Fields, Beulah Mae	Muskogee
46.	Figures, Theo	Okmulgee
47.	Finley, Bettye Mae	New Port
48.	Finley, Vivian M.	Muskogee
49.	Fisher, Henry Etta	Boswell
50.	Floyd, McElhanon Ella	McAlester
51.	Floyd, Henry	McAlester
52.	Foster, Jimmie	McAlester
53.	Foster, Will Ella	Helena, Arkansas
54.	Franklin, Arvella R.	Hennepin
55.	Franks, Lillian G.	Ardmore
56.	Fuller, Bettye	Oklahoma City
57.	Fulsom, Letroit	Spiro
58.	Fuselier, Marie	Hoffman
59.	Gardner, Dorothy L.	Oklahoma City
60.	Gardner, Warren	Oklahoma City
61.	Gardner, Wylee	Sapulpa
62.	Gilkey, Grady	Tulsa
63.	Glenn, Dorothy	Wewoka
64.	Gray, Thomas, E.	Muskogee
65.	Grayson, Berline J.	Boynton
66.	Green, Robert	Tulsa
67.	Griffin, Earl L.	Guthrie
68.	Griggs, Emily A.	Muskogee
69.	Hamel, Lendwood	Bakersfield, California
70.	Hanson, Idella J.	Pawnee
71.	Harden, Charles	Hearne, Texas
72.	Harkins, Bernice C.	Langston
73.	Harris, Leon	Broken Bow
74.	Harrison, Ulysses	Cincinnati, Ohio
75.	Henderson, Ertell Y.	Chickasha
76.	Hicks, Anna Mae	Chickasha
77.	Hicks, Jean Dorothy	Waurika
78.	Holmes, Earl S.	Lawton
79.	Holmes, Wesley T.	Broken Bow
80.	Hood, Ernestine	Okmulgee
81.	Hooks, Lucille M.	Tatums
82.	Houston, George W.	Oklahoma City

83.	Howard, Lillian R.	Idabel
84.	Hudson, Jesse D.	Sand Springs
85.	Hudson, LaVoy	St. Louis Illinois
86.	Hunt, Margaret	Hugo
87.	Irons, Jeff	Tulsa
88.	Jackson, Loretha O.	Tulsa
89.	Jackson, Merlie G.	Colbert
90.	Jagers, Florence	Oklahoma City
91.	James, Arnice C.	Muskogee
92.	Johnson, Artie Mae	Grandfield
93.	Johnson, Loretta M.	Sand Springs
94.	Jones, Deloris D.	Seminole
95.	Kellye, Andrew T.	Muskogee
96.	Landrum, Floyd II	Wewoka
97.	Lane, Erma L.	Morris
98.	Lawson, Willie James	Stillwater
99.	Lee, Lenore Warren	Muskogee
100.	LeBlanc, Thomas	Okmulgee
101.	Lee, Daniel Webster	Oklahoma City
102.	Lee, Fred Douglas	Boynton
103.	Lindsey, Ina N.	Tulsa
104.	Love, Dorothy	Stillwater
105.	Love, Vertie B.	Choctaw
106.	McCray, Louise S.	Weleetka
107.	McCray, Vera Lee	Boley
108.	McDaniel, Edward T.	Sand Springs
109.	Madison, Archie P.	Langston
110.	Marshall, Gussie	Langston
111.	Marshall, Woodie	Oklahoma City
112.	Mason, Matthew A.	Beggs
113.	Miller, Margaret Emma	Guthrie
114.	Moham, Willie	Oktaha
115.	Moore, James C.	Jennings
116.	Mosley, Roy Lee	Wagoner
117.	Nelson, Leonard	Wagoner
118.	Nero, Raymond	Milto
119.	Parker, Doris J.	Spiro
120.	Patterson, Lee V.	Tulsa
121.	Patterson, Willie B.	Lawton
122.	Petties, Mildred	Cushing
123.	Pierce, Joe Franklin	Hillsboro, Texas
124.	Ponder, Henry	Wewoka
125.	Porter, Lloyd C.	McAlester
126.	Price, Howard W.	Seminole
127.	Rhone, James R.	Oklahoma City
128.	Rice, Wiley B.	Lawton
129.	Richmond, Adlyne D.	Wewoka
130.	Robbins, Elsie B.	Wagoner
131.	Robbins, Gladys M.	Wagoner
132.	Robbins, Herman C.	Wagoner
133.	Roberts, Ruben B.	Oklahoma City
134.	Robinson, Ester Lee	Fort Sill
135.	Robinson, Nathaniel	McAlester
136.	Roundtree, Onnye Jean	Sand Springs
137.	Rucker, William W.	Wetumka
138.	Scobey, Roscoe C.	Cushing

139.	Seward, Walter Jr.	Langston
140.	Shannon, Agatha	Watonga
141.	Sharp, Ernestine	Boswell
142.	Shaw, Ralph	McAlester
143.	Shawnee, Gloria Johnson	Beggs
144.	Shoats, Albert	Muskogee
145.	Shortridge, James	Muskogee
146.	Simmons, Mildred L.	Bristow
147.	Smith, Geraldine M.	Grant
148.	Smith, Gladys M.	Vian
149.	Smith, Robert	Oklahoma City
150.	Spencer, Louise	Weleetka
151.	Starr, Elva L.	Tahlequah
152.	Starr, Sue N.	Tahlequah
153.	Stewart, John H.	Sand Springs
154.	Stripling, Oliver	Holdenville
155.	Thomas, James S.	Langston
156.	Thomas, Margaret C.	Taft
157.	Thompson, Odell M.	Sapulpa
158.	Tollett, Winston E.	Muskogee
159.	Wadley, Sidney	Geary
160.	Walker, Arthur Lee	Muskogee
161.	Warlow, Euola L.	Muskogee
162.	Watson, Francis Marie	Tulsa
163.	Watson, Cleophas	Oklahoma City
164.	Watson, Dorothy	Oklahoma City
165.	Watson, Raoy	Idabel
166.	Wells, Elizabeth	Taft
167.	Whitlow, Charles	Oklahoma City
168.	Whitney, Evergreen	Fay
169.	Whittington, Fannie L.	Tulsa
170.	Wiley, Christine	Haskell
171.	Williams, Paul	Taft
172.	Williams, Q. T.	Taft
173.	Willis, George W.	Muskogee
174.	Wilson, Bertha Lee	Coweta
175.	Williams, Alfred	Spencer
176.	Wilson, Eunice	Guthrie
177.	Wilson, Ruth	Saper
178.	Woods, Opal L.	Idabel
179.	Wright, Louise F.	Wagoner
180.	Young, Cassie	Ardmore
181.	Young, Opal L.	Newport

### STUDENT ROSTER

1949-1950

### SENIORS

Name	Home Town
1. Abernathy, Calvin M.	Wagoner
2. Abram, Flora A.	Oklahoma City
3. Adams, Fred S.	Vinita
4. Alexander, Irene	Lawton
5. Alford, Violet	Weleetka
6. Anderson, Blanche	Beggs



7.	Anderson, Chester	Binger
8.	Anderson, Erma D.	Okmulgee
9.	Anderson, Florence A.	El Reno
10.	Autry, Otis	Beggs
11.	Autry, Ruth	Beggs
12.	Barrett, Otissey J.	Muskogee
13.	Battle, Erma Battle	Boley
14.	Benford, Dorothy	Lawton
15.	Black, L. Z.	Ada
16.	Boyd F. Inman	Muskogee
17.	Brooks, Ovell F.	Langston
18.	Brown, Bettye Sue	Tulsa
19.	Brown, Mary Newton	Spencer
20.	Bryant, John D.	Kilgore, Texas
21.	Burton, Matthew	Hendrix
22.	Calaway, Ruby	Lawton
23.	Carroll, Herbert	Tulsa
24.	Chapman, Bettye J.	Mounds
25.	Chocolate, Maurice	Tulsa
26.	Clemmons, James T.	Wewoka
27.	Cobb, Jewel	Idabel
28.	Cobb, Opal	Idabel
29.	Coleman, Annie Louise	Langston
30.	Goodlow, Lenonia	Harris
31.	Cooper, Ollie E.	Fay
32.	Crowell, Frances E.	Chickasha
33.	Cudjoe, Harold S.	Seminole
34.	Cudjoe, Wilburt	Seminole
35.	Darrington, Vera	Langston
36.	Davis, Elmer L.	Tulsa
37.	Davis, Joseph A.	Ada
38.	Davis, Lillian M.	Okmulgee
39.	Dewberry, Lester	Ponca City
40.	Dillion, Lorraine	Langston
41.	Dixon, Lonnie Mae	Oklahoma City
42.	Dockery, Marie	Vian
43.	Douglas, Walter	Oklahoma City
44.	Dozier, Sylvester	Pleasant, Tex.
45.	Drake, Merice Lee	Fort Worth, Tex.
46.	Drake, Selma	Clearview
47.	Dunevant, Cleota	Okatha
48.	Dunn, Willie M.	Idabel
49.	Elliott, Horace	Wichita, Kansas
50.	Ewing, Willie D.	Clearview
51.	Factory, Mayme	McAlester
52.	Fields, Lonnie	Okmulgee
53.	Fisher, Clarence	Oklahoma City
54.	Foster, Edwin	Sand Springs
55.	Franklin, Marjorie	Chickasha
56.	Franklin, Sylvester	Taft
57.	Gaffney, Bettye J.	Idabel
58.	Gipson, Harding	Waurika
59.	Glenn, Betty J.	Wewoka
60.	Gracey, Luther	Dover
61.	Gray, Sherman	Muskogee
62.	Green, Louise	Oklahoma City



63.	Griggs, Nathaniel .....	Stillwater
64.	Gross, Betty Lou .....	Frederick
65.	Guess, Virgil .....	Okmulgee
66.	Guess, James .....	Okmulgee
67.	Hamilton, Charlotte .....	Kingfisher
68.	Harris, Henderson .....	Duncan
69.	Hawkins, Warren L. ....	Mexia, Texas
70.	Haynes, Joanna .....	Ponca City
71.	Henderson, Clifford .....	Chandler
72.	Henderson, Juanita P. ....	Tulsa
73.	Herron, Clarence .....	Dallas, Texas
74.	Herron, Genella Smith .....	Tulsa
75.	Hicks, Carrie M. ....	Okmulgee
76.	Hicks, Leory .....	Oklahoma City
77.	Hollis, Luther .....	Hugo
78.	Hollis, Warren G. ....	Goodland
79.	Houston, Katye M. ....	Warren
80.	Hutcherson, Bernice .....	Hartshorne
81.	Hytche, William .....	Tulahassee
82.	Jackson, Jewell .....	McAlester
83.	Jackson, Mitchell .....	Stillwater
84.	Jamerson, Emma J. ....	Muskogee
85.	James, Spencer .....	Seminole
86.	Jenkins, Roma E. ....	Nowata
87.	Johnson, Cal L. ....	Okmulgee
88.	Johnson, Doris J. ....	Poteau
89.	Johnson, Ima .....	Tulsa
90.	Johnson, Randolph D. ....	Sand Springs
91.	Johnson, Wallace .....	Beggs
92.	Jones, Alexander .....	Wewoka
93.	Jones, Edward J. ....	Lawton
94.	Jones, Jack .....	Lawton
95.	Jordan, Connie M. ....	Langston
96.	Kemp, Herbert C. ....	Shawnee
97.	Kirk, Wesley W. ....	Langston
98.	Lee, Mary Meeks .....	Oklahoma City
99.	Lewis, Laurence .....	Hartshorne
100.	Littles, Ida M. ....	Chickasha
101.	Logan, Melvin .....	Earlsboro
102.	Lucas, Goldie .....	Tatums
103.	Lurks, Rosa Lee .....	Fort Gibson
104.	McCray, Johnnie .....	Oklahoma City
105.	McGee, Vera Mae .....	Lawton
106.	McKinley, Jean A. ....	Okmulgee
107.	Mack, Andrew .....	Okmulgee
108.	Marshall, Thomas .....	Muskogee
109.	Mast, Jimmie L. ....	Boley
110.	Matthews, Alfred .....	Duncan
111.	Mayes, Roxie .....	Boley
112.	Mayfield, Velma C. ....	Sapulpa
113.	Meeks, Walter .....	Joplin, Mo.
114.	Mense, George .....	Oklahoma City
115.	Moore, Ruth .....	Idabel
116.	Mozee, Tallie Jr. ....	Ardmore
117.	Musgrove, Lettia S. ....	Tulsa
118.	Neal, Lonnie G. ....	El Reno

119.	Neal, Marion .....	Stringtown
120.	Neal, Nathaniel J. ....	El Reno
121.	Parker, Louis B. ....	Eagletown
122.	Patterson, Glenn M. ....	Hennessey
123.	Payne, Jackson .....	Wewoka
124.	Penn, Napleon .....	Fallis
125.	Phea, Evelyn .....	Frederick
126.	Phillips, Johnnie M. ....	Boley
127.	Pope, Reginald B. ....	Galveston, Texas
128.	Randall, Muriel C. ....	Rentiesville
129.	Randle, Ben .....	Hillsboro, Texas
130.	Randles, Elijah .....	Wagoner
131.	Richard, Carrie .....	Langston
132.	Roberson, Eugene .....	Ardmore
133.	Roberson, Theresa .....	Ardmore
134.	Robinson, Marie .....	Okmulgee
135.	Robinson, Ruby .....	Claremore
136.	Rogers, Lewis J. ....	Okmulgee
137.	Saunders, Leonard I. ....	Muskogee
138.	Scott, Janie .....	Taft
139.	Shackelford, Antoinette .....	Muskogee
140.	Sharp, Wanda Faye .....	Guthrie
141.	Shaver, James .....	Eufaula
142.	Shortridge, William .....	Muskogee
143.	Slaten, Elmer D. ....	Watonga
144.	Smith, Charles W. ....	Holdenville
145.	Smith, Eura Lee .....	Oklahoma City
146.	Smith, Lawrence N. ....	Merriam, Kansas
147.	Smith, Melvin .....	Sand Springs
148.	Smith, Samuel M. ....	Sherman, Texas
149.	Smith, Zemula E. ....	Bristow
150.	Stephens, Darl W. ....	Dover
151.	Stephens, Delois .....	Dover
152.	Stevenson, Hattie M. ....	Elmore City
153.	Stevenson, Wilbur .....	Langston
154.	Stubbs, Lenore N. ....	Muskogee
155.	Summers, Raymond D. ....	Hobart
156.	Swain, Robert .....	Hartshorne
157.	Tabb, Henry L. ....	Wichita Falls, Texas
158.	Taylor, Wilma Lee .....	Ponca City
159.	Thomas, Dcrothy .....	Oklahoma City
160.	Thomas, Vassie C. ....	Muskogee
161.	Thomas, Zechariah R. ....	Taft
162.	Thompson, Dorothy M. ....	Wagoner
163.	Thompson, Marie .....	Tulsa
164.	Tucker, George .....	Okmulgee
165.	Tumey, Charles .....	Mt. Pleasant, Texas
166.	Turner, Ella Mae .....	Sapulpa
167.	Wagoner, Arthur .....	Wynnewood
168.	Watley, Earnest V. ....	Langston
169.	Wells, Jonathan .....	Taft
170.	West, Harold E. ....	Seminole
171.	Wharton, Dolphin Sr. ....	Guthrie
172.	Whitted, Augustus .....	Fort Worth, Texas
173.	Wilburn, Thelma W. ....	Porter
174.	Williams, James .....	Langston

175.	Williams, J. Marie .....	Oklahoma City
176.	Williams, Walter .....	Wewoka
177.	Willis, Charles .....	Enid
178.	Winston, Doris L. ....	Langston
179.	Young, Glendowlyn O. ....	Newport
180.	Young, Irving .....	Wewoka

### STUDENT ROSTER

1949-1950

#### SPECIALS

1.	Adams, Frances .....	Langston
2.	Beatty, Harold .....	Stroud
3.	Beatty, Melvin .....	Tulsa
4.	Boyd, Arthur .....	Oklahoma City
5.	Bratton, John .....	Vernon
6.	Bunn, Esther .....	Oklahoma City
7.	Clegg, Robert Lee .....	Watonga
8.	Cooper, Sharon .....	Luther
9.	Collins, Walter R. ....	Tulsa
10.	Dotson, John .....	Sallisaw
11.	Dumas, Floyd .....	Muskogee
12.	Fegan, James .....	Tulsa
13.	Johnson, Gladys R. ....	Ardmore
14.	Johnson, John Henry .....	Ardmore
15.	McDaniel, William .....	Langston
16.	McNeel, Mary .....	Los Angeles, California
17.	Pyle, Malinda Y. ....	Langston
18.	Whittaker, Leonard .....	Oklahoma City
19.	Robinson, George .....	Oklahoma City

### STUDENT ROSTER

1949-1950

#### TRADE AND INDUSTRIAL EDUCATION

1.	Abrams, Clarence .....	Guthrie
2.	Anderson, Ocie L. ....	Binger
3.	Anderson, William M. ....	Binger
4.	Aushie, Melvin .....	Crescent
5.	Austin, Roland B. ....	Ponca City
6.	Barber, Alfred .....	Guthrie
7.	Bee, Lawrence R. ....	Tulsa
8.	Bowen, Dockie Mae .....	Langston
9.	Bowen, Rufus Jr. ....	Langston
10.	Branch, Eugene .....	Muskogee
11.	Branon, Lee A. ....	Guthrie
12.	Braxton, Johnnie .....	Carney
13.	Brinkley, Velma .....	Lenopah
14.	Bryant, Aaron .....	Garrison, Tex.
15.	Calaway, Tom .....	Lawton
16.	Chapman, Martha R. ....	Mounds
17.	Coopy, Mack L. ....	Langston
18.	Covington, Fleming .....	Oklahoma City
19.	Crawford, Norma J. ....	Wagoner

20.	Cumelly, Albert H.	San Antonio, Tex.
21.	Davidson, Leory	Langston
22.	Davis, Eddie Mae	Tulsa
23.	Davison, Emory	Langston
24.	Dewberry, Quance	Lawton
25.	Dilworth, Zelmon	Oklahoma City
26.	Ellis, Wesley C.	Guthrie
27.	Escoe, Leonard	Bristow
28.	Foreman, Qunnie	Okmulgee
29.	Foreman, Waymon	Guthrie
30.	Foster, John C.	Guthrie
31.	Franklin, Roosevelt Jr.	Guthrie
32.	Fulson, Arthur	Guthrie
33.	Fleming, Garcia	Guthrie
34.	Gadderson, James	Guthrie
35.	Glenn, Grover	Wewoka
36.	Haynes, Elza B.	Ponca City
37.	Hill, Roger	Lincoln, Nebraska
38.	Holmes, Mable M.	Okmulgee
39.	House, Edward V.	Guthrie
40.	Houston, William	Langston
41.	Hubbar, Mattie B.	Guthrie
42.	Hytche, Elbert	Porter
43.	Jackson, Carl	Langston
44.	James, Melvin	Wewoka
45.	Jennings, William T.	Guthrie
46.	Jones, Isiah	Key West, Fla.
47.	Kemp, Walter	Guthrie
48.	Livingston, Sylvester	Orlanda, Fla.
49.	Love, Clarence	Meridian
50.	Lowe, Beatrice R.	Eufaula
51.	Lowe, Elizabeth	Eufaula
52.	McCormick, Keith	Boley
53.	Mack, Alonzo	Seward
54.	Mack, Melvin	Langston
55.	Madison, Otis	Langston
56.	Marshall, Willie J.	Lawton
57.	Mithcel Thurman	Langston
58.	Moore, Earnest H.	Langston
59.	Naff, Leon L.	Chandler
60.	Neal, Clyde E.	Guthrie
61.	Parrish, Thelore	Meridian
62.	Patmon, Gwendolyn	Lawton
63.	Powers, Ralph	Oklahoma City
64.	Rayfield, Wyatt	Guthrie
65.	Rector, L. C.	Lincoln, Texas
66.	Redick, Willie J.	Dallas, Texas
67.	Rogers, Juanita D.	Okmulgee
68.	Samuel, Vernon I.	Sand Springs
69.	Satterwhite, Elie	Lawton
70.	Scott, Oza Lee	Langston
71.	Simmon, Bill M.	Guthrie
72.	Smith, Arvall	Langston
73.	Smith, James	Red Bird
74.	Smith, Morris	Langston
75.	Smith, Orvall	Langston



76.	Sullivan, Odessa	Orlanda, Fla.
77.	Taylor, Joseph D.	Ardmore
78.	Taylor, Lenilus	Guthrie
79.	Thomas, Lena P.	Luther
80.	Thomas, Mildred	Guthrie
81.	Tucker, Jreece	Langston
82.	Tucker, Little J.	Milburn
83.	Tucker, Raymon	Enid
84.	Turner, Willie V.	Altus
85.	Varner, Thomas	Ardmore
86.	Wade, Lynwood A.	Guthrie
87.	Walker, Johnnie	Altus
88.	Ward, Chester A.	McAlester
89.	Warren, Booker T.	Orlanda, Fla.
90.	Warren, Patricia Ann	Langston
91.	White, Charles	Oklahoma City
92.	Wigley, Alfred L.	Guthrie
93.	Williamson, Henry	Lawton
94.	William, Lonnia V.	Lawton
95.	Waters, Curtis	Fairfax
96.	Wyatt, Rayfiled	Guthrie

### STUDENT ROSTER

1949-1950

#### TWO-YEAR TRADE STUDENTS

	Clark, John E.	Muskogee
1.	Adams, Frances	Oklahoma City
2.	Edward, Luther	Clinton
3.	Gipson, Lawrence	Watonga
4.	Goree, Richard	Tulsa
5.	Hilburn, Leon	Overtown, Texas
6.	Johnson, Burgess Lee	Ponca City
7.	Marsh, Ruby	Wynn, Arkansas
8.	Monroe, Earl O.	Kingfisher
9.	Sharp, James	Chandler
10.	Williams, Willie	El Reno