STATE UNIVERSITY OF KENTUCKY

FORTY-SIXTH ANNUAL COMMENCEMENT
NINETEEN HUNDRED AND FOURTEEN

THURSDAY, THE FOURTH OF JUNE
LEXINGTON, KENTUCKY
Order of Exercises

Music

Invocation

Music

ORATION: The Value of a Vision
JOHN HOWARD PAYNE, A. B.
Class Representative

Music

ADDRESS:
REV. EDWARD L. POWELL, D. D.
Louisville

Music

CONFERRING OF DEGREES AND DELIVERY OF DIPLOMAS:
BY HENRY S. BARKER, LL. D.
President of the University

Benediction

Music
# Bachelors' Degrees

## Bachelor of Arts in English
- Charles Elmo Blevins
- Katherine McMurchy Logan
- Reuben Thornton Taylor
- Lydia Elizabeth Westcott

## Bachelor of Arts in Latin
- Stonewall Jackson
- Robert Allen Norris
- Myna May Feck
- Edwin Thomas Proctor
- Stephen Lemont Fannell

## Bachelor of Arts in Modern Languages
- Lucius Madison Hammonds
- Sallie Elizabeth Pence
- Elsie Grace Sheldon
- Anne Elizabeth Waddy

## Bachelor of Arts in History
- Earle Cassady
- Ruth McChesney
- McHenry Holbrook
- Julian Larabie Pinkerton

## Bachelor of Arts in Education
- Herman Lee Donovan
- Pauline Hank
- Otto Jefferson Jones
- Frances Folsom McGuire
- John Howard Payne
- Joseph Roemer
- William Thomas Woodson

## Bachelor of Science in Education
- Grace Elizabeth Baker
- Sue Dorothy Matthews
- Idie Lee Turner
- Caroline Taylor Watkins

## Bachelor of Science in Industrial Chemistry
- Abe Sidney Behrman
- Robert Cornelius Dabney
- Edward Friend Danforth
- Harry Benjamin Dobrowsky
- Coleman Hewlett
- Carl Emil Lauer
- Henry Neal Marsh
- Robert Pfansiel
- George Thomas Vanarsdale

## Bachelor of Science in Mathematics
- Lucius Madison Hammonds
- Sallie Elizabeth Pence
- Elsie Grace Sheldon
- Anne Elizabeth Waddy

## Bachelor of Science in Agriculture
- Virgil Alexander Babbage
- John Lloyd Brown
- Paul Dennis Brown
- Arthur Louis Hurbuck
- Hal Farnsworth Bryant
- Jesse Roy Christie
- Thomas Henry Harkness
- Hubbard Kavanaugh Gayle
- Carl Albert Hatter
- Gilbert Coleman Richardson
- Seneca Claiborn Routt
- Henry Wolf Schoening
- Graham Allen Smith
- William Cameron Smith
- John Tee Taylor
- Joseph Raymond Wall
- Adolph E. Waller
- James W. Whitehouse
Bachelor of Civil Engineering.

William Cornelius Almstedt
Paul Howard Croft
Levi O. Coleman
Carroll Allen Duncan
Robert L. Gregory
Harry Daniel Hundley
Thomas Leonard Pearce
Hovey Duncan Falmore
Ferry Adolphus Rowe
Raymond Earl Steffy
Clarence Horace Schwartz

Bachelor of Mechanical Engineering.

Arthur Ray Bennett
Edward Closson Tomlinson Blaker
William Stanley Carrithers
Robert Boyd Cottrell
William Caldwell Cross
Donald Magoffin Gaither
George William Gayle
Cecil Chenault Harp
Ellis Brown Hayden
Henry Berkeley Hedges
Thomas Daugherty Howard
Edgar Engman Johnson
George Edelein Kelly
Herbert Ray Masters
Daniel Tennyson Morgan
Herschel Reginald Shelton
Henry Glover Strong
Roger Thomas Thornton
Robert Presley Townsend
Henry Tyler Watts

Bachelor of Mining Engineering.

James William Atkins
Thomas Robinson

Bachelor of Metallurgical Engineering.

Henry John Jakobe
Oliver Wolcott Smith, Jr.

Bachelor of Laws.

Arthur Titus Bryson
George Addison Chrisman
William Wayne Chambers
Guy Leslie Dickinson

Allen Wyant Gullion
Leslie Guyn
Taylor Nathan House
Elmer Dishman Hays
Wallace Duncan Hamilton
Henry Townes Hardin
Charles Walter Hoskins
Guy Alexander Huguelet
George Enoch Jones
William Henry Jones
Clayborne Xenophon Johnson
Ted Benjamin Kelley
Henry Clay Kimberough, Jr.
Arthur Leo King
William Marion Magruder
Harry Benjamin Miller
Jesse Isidor Miller
Frank Rice Parks
Roscoe C. Preston
William J. Sandford, Jr.
Basil Duke Sartin
Henry L. Spencer
Duran Keel Tackett
Frank Hereford Tomkies
Charles Chester Wilson
Ward C. Yeager

Theses

For Bachelor of Arts in History.

Earle Cassady—Presbyterian Schools in the Mountains of Southeastern Kentucky.

McHenry Holbrook—The Holiness Bands of Western Kentucky.

Ruth McClesney—French and Spanish Influences in Kentucky's History.

Julian Larabie Pinkerton—Clyde Fitch and the Invention of the Steamboat.

For Bachelor of Science in Industrial Chemistry.

Abbe Sidney Behman—A Rapid Method for the Analysis of Limestone for Agricultural Purposes.

Robert Cornelius Darney—The Extraction of Copper from Its Ores by Dilute Chemicals.
EDWARD FRIEND DANFORTH—
A Critical Examination of the Kjeldahl Method for the Determination of Nitrogen.

HARRY BENJAMIN DOBROWSKY with CARL EMIL LAUER—
The Commercial Preparation of Ammonium Nitrate from Ammonium Sulphate and Sodium Nitrate.

COLEMAN HEWLETT—
Some Double Fluorides of Titanium.

CARL EMIL LAUER and HARRY BENJAMIN DOBROWSKY—
The Commercial Preparation of Ammonium Nitrate from Ammonium Sulphate and Sodium Nitrate.

HENRY NEAL MARSH—
Some Unusual Vegetable Oils.

ROBERT PFANSTIEL—
A New Method for the Determination of Zinc in Treated Wood.

GEORGE THOMAS VAN ARSDALE—
The Standardization of a Potassium Ferrocyanide Solution by Means of a Zinc Double Sulphate.

For Bachelor of Science in Chemistry.

EDGAR HUGO NOLLAU—
The Action of Alkaline Phenolates on Alkali Salts of Sulphonic Acids by Dry Distillation.

For Bachelor of Science in Agriculture.

HUBBARD KAVANAUGH GAYLE and JOHN ALBERT HATTER—
A Study of Prepotency in the Trotting Horse.

JAMES W. WHITEHOUSE and SENECAL CLAIBORN ROUXT—
The Relation of the Escutcheon to Milk Production.

JOHN LLOYD BROWN and HENRY WOLF SCHENING—
A Study of Prepotency in the Saddle Horse.

For Bachelor of Civil Engineering.

WILLIAM CORNELIUS ALMSTEDT—
Superstructures for Low Concrete Floor Highway Bridges.

PAUL HOWARD CROFT—
Reinforced Concrete Arch Design.

LEVI OSCAR COLEMAN—
Plans, Specifications, and Cost Data for Sanitary Sewer for the City of Madisonville, Kentucky.

CARROLL ALLEN DUNCAN—
Designs for Low Riveted Highway Bridges with Concrete Floors.

ROBERT L. GREGORY—
High Pratt Pin Connected Highway Bridge Designs.

HARRY DANIEL HUNDLEY and THOMAS LEONARD PEARRE—
Plans, Specifications, and Estimates for Sanitary Sewer System for City of Clinton, Kentucky.

HOVEY DUNCAN PALMORE—
Designs for Riveted Through Highway Bridges with Concrete Floors.

PERRY ADOLPHUS ROWE—
Designs for Through Pin Connected Highway Bridges with Wood Floors.

RAYMOND E. STEFFEY—
Topographical Field Work and Earth Work Computations.

CLARENCE HANACE SCHWARTZ—
Design of Masonry Dams.

For Bachelor of Mechanical Engineering.

This year instead of assigning to each Senior an individual thesis, a combination thesis was decided upon, “The Preliminary Investigation, A Report on the Admissible Location, The Complete Design, and Complete Specifications for a Modern Central Power Plant to Furnish Electrical Power to Central and Eastern Kentucky.”

The drawings and specifications completed by each member of the class are:

ARTHUR RAY BENNETT—
Turbine Room Floor Framing (2 drawings), Details of Bus Compartments, Connections of Station Lighting and Power Systems, Details of Foundation, Outside Station. Specifications for Electrical Installations.

EDWARD CLOSSON TOMLINSON BLAKER—
Property Plat, Stack Details (2 drawings), Details of Coal and Ash Hoppers, Turbine Room Floor Plates. Boiler Room Floor Plates, Specifications for Steel Stack.

WILLIAM STANLEY CARRITHERS—
South Elevation, Arrangement of Injection and Discharge Tunnels, Details and Locations of Floor and Wall Thimbles in Turbine Room, Conduits Through Main Switch House Floor, Arrangement of Apparatus, Switch House Gallery, Arrangement of Apparatus, Switch House Sections.

ROBERT BOYD COTTRELL—

WILLIAM CALDWELL CROSS—
DONALD MAGOFFIN GAITHER—
North Elevation, Window Details, Lighting Conduits—Sections, Mounting of Arc Lamps and Incandescent Clusters, Conduits from Switch House to Outside Station, Pull Box Details—Part 1. Specifications of Building Construction.

GEORGE WILLIAM GAYLE—

CECIL CHENAUT HARP—
Turbine Room Trusses, Smoke Flue, Details of Flue and Uptakes, Arrangement of Apparatus Outside Station, Elevations, Details of Distributing Tower, Tabulation of Power Control Conduits.

ELLIS BROWN HAYDEN—
Longitudinal Sections, Details of Coal Valve, Plan and Section of Boiler Setting, Miscellaneous Details of Piping.

HENRY BERKLEY HEDGES—

THOMAS DAUGHERTY HOWARD—
Basement Plan, Intake Crib, Details of Intake Crib, Details of Screens and Grills for Intake Crib, Plan of Piping in Boiler Room Basement, Elevation of Piping at North Boiler Room Wall.

EDGAR ENGMAN JOHNSON—
Roof Plan, Door Details, Side Elevation of Piping for 6000-Kw. Unit, Detail of Steel Framework and Supports—Outside Station.

GEORGE EDELEN KELLEY—
Building Cross Section, Elevation of Boiler and Feed Pump Connections, General Cross Section, Arrangement of Apparatus Outside Station. Plan.

HERBERT RAY MASTERS—
Roof Framing Plan, Plan of Piping in Turbine Room Basement (2 Drawings). Specifications of Piping Installation.

DANIEL TENNYSON MORGAN—
East Elevation, Floor Framing for Electrical Gallery, Details of Steam Piping, Details of Timber for Main Switchboard.

HERSCHEL REGINALD SHELTON—
Plan of Machinery Foundations, Sections of Machinery Foundations, Power Control and Light Conduits in Turbine Room (2 Drawings).

HENRY GLOVER STRONG—

ROGER THOMAS THORNTON—
Boiler Room Trusses, Boiler Room Floor Framing (2 Drawings), General Arrangement Plan. Checking Piping Specifications.

ROBERT PRESLEY TOWNSEND—
Foundation Plan, West Elevation, Details and Location of Floor, and Wall Thimbles in Turbine Room, Drainage System in Basement, Elevation of Conduits in Switch House Wall.

HENRY TYLER WATTS—
Details of Coal Bins, Arrangement of Coal Valves and Spouts, Plan of Coal Handling System, Details of Special Fittings, Details of House Service Tank, Lighting Conduits. Plan. Checking Electrical Drawings.

For Bachelor of Mining Engineering.

JAMES WILLIAM ATKINS, Lexington.
"The Uses of Concrete at Coal Mines."

THOMAS ROBINSON, Middlesborough.
"Methods for Mining Thin Seams of Coal in the Southeastern Mining District of Kentucky."

For Bachelor of Metallurgical Engineering.

HENRY JOHN JAKOBE, and OLIVER WOLCOTT SMITH, JR, Covington
"A Study of the Occurrence, Mining and Metallurgy of the Ducktown, Tennessee, Copper Deposits, Based on Investigations and Observations at the Mines and Smelting Plant of the Ducktown Sulphur. Copper and Iron Company."

For Bachelor of Metallurgical Engineering.
The Graduate School.

Candidates and Theses.

For Master of Arts.

ELLA KIZIAH PORTER,
Tudor and Stuart Boy Actors in the Evolution of the Drama.

WILLIAM CLAUDE SHULTZ,
A Comparative Study of the Morte d'Arthur and Tennyson's Idylls of the King.

For Master of Science.

DOLLY TAYLOR BATTAILE,
Relief Perspective.

INIS GILLIS,
The Period of Storm and Stress According to H. Am Rhyn's Kulturgeschichte Deutschlands.

WILLIAM HENRY MCADAMS,
A Contribution to the Analytical Chemistry of Vanadium.

JAMES SPENCER McHARGUE,
The Relation of Manganese to Agriculture.

THOMAS FOREMAN OTT,
Some New Vegetable Oils.

Benjamin Dunbar Wilson,

For Civil Engineer.

LEON METCALF ALLISON,
Reinforced Concrete Construction.

WALTER ANDREW HARN,
Leakage in Cast Iron Water Pipes.

ORVILLE HEBER TAYLOR,
The Design of a Railway Terminal System for the Handling of Freight and Passenger Traffic in the City of Sioux City, Iowa.

DANIEL VOIERS TERVEILL,
Standard Plans and Specifications as applied to Municipal and Highway Engineering.
For Mechanical Engineer.

ARTHUR BOARD HASWELL, Ensley Ala.
A Study of a 4x4 Billet Mill.

ARZA LYTLLE WILHOITE, Lexington
A Determination of the Cost of Electric Power at the Ferguson Stores of the C. N. O. and T. P. Railway.

For Electrical Engineer.

GEORGE TAYLOR BAGARD, Richmond
Reconstruction of the Power Plant of the Richmond Electric and Power Company.

CHARLES ELWOOD DANIEL, New York City
Factory Testing of Dynamo Electrical Machinery.

HITER H. LOWRY, JR., Chicago, Ill.
A Study of Toll Switchboard Equipment in Large Telephone Centers.

For Mining Engineer.

ROBERT RYLAND ATKINS, Cannel City
"The Cannel City Oil Field: Methods Followed in the Study of Its Structure and in Its Development, with a Map Exhibiting the Underground Contours of the Oil-Bearing Strata."

KESSACK DUKE WHITE, Urbana, Ill.
"The Coal Resources of Vermilion County, Illinois, and An Explanation of the Occurrence of 'Rolls' in the Coal Beds, Based on Studies in the Field."

For Master of Laws.

AUGUST ADOLPH BABLIJTZ, Lexington
Labor Unions and Their Relation to the Law.

Honorary Degrees.

Doctor of Laws.

ANDREW McCONNELL JANUARY COCHRAN, Maysville
CHARLES EVANS, Edmond, Okla.
BARKSDALE HAMLETT, Frankfort
GEORGE HERBERT HARRIES, Washington, D. C.
EDWARD LINDSAY POWELL, Louisville

Mechanical Engineer.

GEORGE BURGESS CAREY, Lexington