

This program is rather soiled
but it is the only one I have
here so will send it you
mustn't look at the dirt.



COMMENCEMENT



OF THE

Iowa State



Agricultural College,

WEDNESDAY, NOVEMBER 9TH,

1892.



Commencement Program.

COLLEGE CHAPEL, 10 A. M.

—❖—
PRAYER.

MUSIC.

Marguerite au Rouet, - - - *Lazarre*
Miss McNaughton,

Louis B. Spinney, - The Use of High Pressure Steam
Elmer E. Kaufman, The Farmer as our Element of Civilization
W. Ross Cooper, - - - Septic Germs

MUSIC.

Charity, - - - *Faure*
Miss Chambers.

Gordon P. Miller, - - - Uses of Clay
Jessie Jean Maxwell, - Politics, Then and Now
Fred A. Littell, - The Conquest of Commerce
S. A. Knapp, - - - Cane Sugar

MUSIC.

Rondeau Brillante, - - - *Heber-Liszt*
Miss Genevieve Westermann.

Arthur C. Stokes, - - - What was It All For?
Reuben B. Benjamin, Advantages of Lighting the College
Buildings from Central Station at Ames.

Fred C. Stewart, - - - Nature's Voices

MUSIC.

Comin' Thro' the Rye, - - - *Vogrich*
Misses Chambers, Starr and Duncan.

Address to the Junior Class by Hon. J. H. Wood, President of
Board of Trustees.

Response for the Class, - - - A. M. Harvey

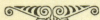
Conferring of Degrees.

BENEDICTION.





GRADUATES, 1892.



The Course in Agriculture.

Elmer E. Kaufman,	The Dairy Cow
T. T. Rutledge,	A Study of Milk
Ozro Van Houten,	Native Plums; Their Possible Development
Henry C. Wallace,	Milk and Its Products

The Course in Veterinary Science.

Charles B. Adams,	Lysol as a Disinfectant
W. Ross Cooper,	A Study of Septic Germs
Homer Davis,	Tissue Degeneration
Robert C. Molison,	Wound and Skin Disinfection
Wilton B. McCarthy,	Comparison of Brains of Vertebrate Animals
E. S. McCord,	Cicuta Maculatum
Henry Replogle,	Hygiene of the Horse's foot from a Physiological Standpoint
Jerry Replogle,	Disinfectant Properties of Carbolic Acid
George S. Waterhouse,	A Bacteriological Study of Water
Hugh H. West,	The Study of Diseased Tissue for Bacteria

The Course in Mechanical Engineering.

W. P. Milburn,	Strains in a Drill Press
Louis B. Spinney,	A Determination of the Stresses on a Lathe Tool.
Walter F. Trotter,	The Calibration of Indicator Springs

The Course in Civil Engineering.

George M. Ashford,	A Study of the Waterworks and Design of a Sewer System for Nevada, Iowa.
George W. Brown,	A Design of a Bridge for the Des Moines River at Milford, Iowa.
Ellsworth E. Clinton,	A Study of Wooden Trestles
Clarence U. Emry,	Study of the Project for the Pan-American Railway.
George S. Foster,	A Design of a Stone Arch Bridge Across Squaw Creek on the C. & N. W. R., one mile west of Ames, Iowa
Eugene B. Henry,	Design of a Highway Bridge across the Big Sioux River, at Sioux Falls, South Dakota.
Edwin D. Jones,	Design of a System of Waterworks for Bedford, Iowa.
Fred A. Littell,	A Study of the Steel Highway Bridge across the Mississippi River at Lyons, Iowa.
Fred R. Muhs,	A Study of a Bridge across the Ouachita River near Columbia, Louisiana.
Elmina Wilson,	Architectural Side of Engineering

The Course in Electrical Engineering.

- Reuben B. Benjamin, Design of a Heating, Lighting and Power Station for Ames, Iowa.
 Charles C. Deering, { A Plan for Lighting the College Buildings
 Fred S. Phelps, { and Residences.

The Course in Sciences Related to the Industries.

- Alice M. Beach, - Lactuca Galls and Their Inmates
 G. Eugene Brown, - Insect Injury to Fruits in Iowa
 Edgar C. Corry, The Social Tendencies of Modern Industrial Life.
 Ellis T. Gilbert, - - The United States and the Tariff
 William C. Hicks, - A Study of the Genus *Phlepsius*
 S. Arthur Knapp, Cane Sugar; Composition and Methods of Analysis.
 Charles W. Mally, - - Hackberry *Psyllidae*
 Frank L. Meredith, The Comparative Chemical Analysis of Milk.
 Gordon P. Miller, Clay; Its Origin, Composition and Methods of Chemical Analysis.
 John A. Rolfs, - Diedrocephalae Injurious to Grasses
 Robert J. Sloan, - Commercial Paper
 Fred C. Stewart, - The Impurities of Clover Seed
 Arthur C. Stokes, The Extraction of the Poisonous Principle of *Pyrethrum*.
 C. Frederick Swenson, - The Conditions of Memory
 J. F. Saylor,
 Vincent Zmunt, - - *Ustilagineae* of Iowa

The Course for Ladies.

- Estella Blaine, - The Good Fortune of the Republic
 Emma H. Boyd, Baking Powders; Their Composition, Adulterations and Methods of Analysis.
 Inez Christie, Evils of Divided Responsibility in Government and Legislation.
 Genevieve R. Culver, - National Unity a Result of Danger
 Anna Dean, - The Indian in American Literature
 Kittie B. Freed, - - Profit Sharing
 Jessie J. Maxwell, History of the Rise and Fall of the Federal Party.
 Clarice McCarthy, The Economic Influence of Worlds Fairs
 Jennie Morrison, - How American Cities Become Great
 Kate M. Porter, - - The Old Northwest
 Flora Wilson, - - Library Economy