

UNIVERSITY OF ILLINOIS
CHAMPAIGN-URBANA

Program of Twelfth Fire College

FIRE PREVENTION, CONTROL,
AND EXTINGUISHMENT

Held under the direction of the
ILLINOIS FIREMEN'S
ASSOCIATION, INC.

R. W. ALSIP, Champaign
Secretary

L. H. PROVINE, Urbana
Director of Fire College



JUNE 9, 10, 11, 12
1936

NOTES

The Twin Cities, Champaign and Urbana, are the home of the University of Illinois. The Illinois Central, Wabash, Big Four, and the Illinois Terminal R. R.'s enter Champaign and the Wabash, Big Four and Illinois Traction System enter Urbana. The University is located midway between the two cities and is reached by street cars and busses.



MEETINGS—All general meetings will be held in Room 100 Physics Building, University of Illinois, unless otherwise announced. The evolutions will be held at the Training Tower. All sessions will start on time.



UNIVERSITY BUILDINGS—The University buildings are open from 7:00 A. M. to 6:00 P. M. The visitors are invited to inspect the libraries, museums, and laboratories.



ROOM AND BOARD—Since there are other meetings held at the University during the same week as this short course, it is very desirable that hotel reservations be made in advance. Among the hotels are the Inman and Beardsley of Champaign and the Urbana-Lincoln and the Plaza of Urbana. Rooms in private houses may be obtained through the University Y. M. C. A. Restaurants are available near the campus.



THE ILLINOIS UNION—The Illinois Union invites those attending the Fire College to use the Union Building.



MAIL AND TELEGRAMS—All mail and telegrams should be sent to Champaign Fire Department, care R. W. Alsip, Champaign, Ill.



NOTE—The benefits derived from the fire college will depend in a measure upon the participation in the evolutions. Bring work clothes to use in the drills.

NOTE: A registration fee of fifty cents per person will be charged. This one fee covers all the work of the entire Twelfth College.

Tuesday, June 9

Morning

100 Physics Building

9:00 a. m. Registration, 100 Physics Building.

GREETINGS—Hon. Henry Horner, Governor of the State of Illinois.

Hon. Ernest Palmer, Director of Insurance, State of Illinois.

President A. C. Willard, University of Illinois.

Hon. Jas. D. Flynn, Mayor, Champaign, Ill.

Hon. John Gray, Mayor, Urbana, Ill.

RESPONSE—President Frank J. Rutkowski, Illinois Firemen's Association, Inc., Steger, Ill.

FIRES DURING 1935-36—Hon. Sherman V. Coultas, State Fire Marshal, Springfield, Ill.

HEALTH AND SAFETY OF THE FIREMEN—Dr. H. P. Sullivan, Chief Surgeon, Chicago Fire Department.

LEGAL RIGHTS OF THE FIREMAN OUTSIDE HIS COMMUNITY—Simon Kellerman III, Attorney, Illinois Firemen's Association, Inc.

Afternoon

1:00 p. m. General Session, Room 100, Physics Building.

FUMIGATION—C. M. Park, Engineer, Mutual Fire Prevention Bureau, Association of Mill and Elevator Mutual Insurance Companies.

DUST EXPLOSIONS DURING FIRE FIGHTING—Hylton R. Brown, Engineer, Chemical Engineering Division, Bureau of Chemistry and Soils, U. S. Department of Agriculture.

SPENDING YOUR TIME BETWEEN FIRES—Deputy Chief Fire Marshal Anthony Mullaney, Chicago Fire Department.

4:30 p. m. Baseball—Squirters vs. Hookers.

7:30 p. m. Open Forum.

Wednesday

Morning

100 Physics Building

The entire day will be devoted to three schools. Those who have attended other fire colleges will elect one of the following schools.

9:00 a. m. General Session, 100 Physics Building.

PAID DEPARTMENTS

119 Physics Building

SCHOOL ONE—Engineer's School: Colonel Clarence Goldsmith, Asst. Chief Engineer, National Board of Fire Underwriters, Chicago, with A. H. Gent, Engineer, Illinois Inspection Bureau, Chicago collaborating.

Types of Pumps—Centrifugal, Rotary, Piston.

Principles of various types.

Construction.

Operation (Hydrant-Draft).

Care and Maintenance.

Calculations and records.

Simple Hydraulics:

Pressures, Friction Loss, Line Layouts (3"-2½"-1½"), Relays, Fire Streams, Calculations, Common Errors.

Room 108 Physics Building

SCHOOL TWO—Inspector's School: Chief J. W. Just, Fire Department Instructor, Western Actuarial Bureau, Chicago.

Preparation: Approach, Principles of Inspection, Reasons for Inspection, Inspection Procedure.

Fire Hazards and Remedies: Common Hazards, Electrical and Special Hazards, Construction.

Sprinkler Systems and Inspection:

Kinds, Types of Valves, Water Supplies, Heads, Inspection.

Reports and Fire Maps: Reports and Records, Fire Maps, Reasons for Maps, Map Making, Symbols, Practical Work. Underwriters' Labels.

, June 10

VOLUNTEER DEPARTMENTS

SCHOOL ONE—At Training Tower: Chief
Waldo Erickson, Western Springs;
Chief Chas. J. Foucek, Naperville;
Ass't Chief Elmer Dicke, Downers
Grove.

Simple Hydraulics.

Pumpers.

Draft.

Care and Upkeep of Hose.

Gas Masks.

Rope Work.

Room 100 Physics Building

SCHOOL TWO—Inspector's School: Chief
Walter A. Finklein, Belleville.

Why Make Inspections?

Types of Inspectors.

Procedure.

Hazards to look out for.

Reports.

Records.

Maps.

National Board of Fire Underwriters.

Room 104 Physics Building

FOR PAID AND VOLUNTEER DEPARTMENTS

SCHOOL THREE—Instructors' School: Chief
Harry K. Rogers, Chief Engineer, Fire
Prevention Department, Western Ac-
tuarial Bureau, Chicago.

An Analysis of Fire Department Organi-
zation.

4:30 p. m. Baseball—Plugs vs. False
Alarms.

7:30 p. m. Open Forum.

Thursday,

Morning

PAID DEPARTMENTS

9:00 a. m. At the Training Tower.

REVOLUTIONS AND FIRST AID—

Chief Harry K. Rogers.

Hose, Ladders, Rope, First Aid.

Afternoon

Room 100 Physics Building

1:00 p. m. THE FIRE DEPARTMENT AND ITS
RELATION TO INDUSTRIAL PROTECTION—
Chief J. W. Just.

STANDARD EQUIPMENT FOR THE RIG—
Col. Clarence Goldsmith.

FIRE PREVENTION IN THE PUBLIC SCHOOLS
—Chief Frank C. McAuliffe, Chief of
Patrols, Chicago Fire Insurance Patrol.

June 11

Morning

VOLUNTEER DEPARTMENTS

Room 100 Physics Building

9:00 a. m. VOLUNTEER DEPARTMENT ORGANIZATION — Ass't Chief John Enthrop, Midlotian.

OVERHAULING, CLEAN UP, CARE OF EQUIPMENT—Edwardsville Fire Department.

STANDARD EQUIPMENT FOR THE DEPARTMENT—R. E. Whalen, Fire Marshal, Elgin, Ill.

Afternoon

1:00 p. m. At the Training Tower.

HOSE, LADDERS, ROPE, FIRST AID — The Edwardsville Fire Department.

4:30 p. m. Baseball Finals.

7:30 p. m. Motion Picture at the Orpheum Theatre. Admission by ticket.

Friday,

Morning

PAID DEPARTMENTS

9:00 a. m. At the Training Tower.

KNOW YOUR EQUIPMENT, NEW DEVELOP-
MENTS IN FIRE FIGHTING EQUIPMENT—

Chief Harry K. Rogers.

Good Bye and Good Luck—Will

June 15-16

June 12

Morning

VOLUNTEER DEPARTMENTS

Room 100 Physics Building

9:00 a. m. RESIDENCE FIRES, HAZARDS IN THE HOME—George L. Chain, President, Central Illinois Fire Fighters' Association; Albert Hasse, Mayor of Peru, and President Central Illinois Valley Community Firemen's Assoc.

FIRST AID EXTINGUISHERS — Chief John Link, Blue Island.

SELLING THE VOLUNTEER DEPARTMENT TO THE PUBLIC — Chief Fred Haderlein, Carlyle.

Afternoon

Room 100 Physics Building

1:00 p. m. ORGANIZING FOR EMERGENCIES—FLOODS, TORNADOES, CONFLAGRATIONS—Battalion Chief W. E. J. O'Leary, Rochester, N. Y.

THE REGIONAL SCHOOLS AND THE FUTURE FIRE COLLEGE — Richard E. Vernor, Manager, Fire Prevention Department, Western Actuarial Bureau, Chicago.

See You at the Next Fire College
5-17-18, 1937