

UNIVERSITY OF ILLINOIS
URBANA-CHAMPAIGN

Program of Thirteenth Fire College

FIRE PREVENTION, CONTROL,
AND EXTINGUISHMENT

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

R. W. ALSIP, Champaign
Secretary

L. H. PROVINE, Urbana
Director of Fire College



JUNE 15, 16, 17, 18
1937

ATTENTION

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

Diplomas or Attendance Cards will be issued to all who attend two days or more of the regular sessions. Attendance will be checked at the beginning and at the close of all sessions, including the work at the Tower.

Attendance Prizes will be awarded during the sessions.

A prize of ten dollars will be awarded for the best written report of not to exceed 500 words on "*My Report on the Thirteenth Fire College.*" This material is to be neatly presented on regular business size stationery and mailed to R. W. Alsip or L. H. Provine on or before July 1, 1937.

TUESDAY, JUNE 15

Morning

General Session

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

GREETINGS—Hon. Henry Horner, Governor of Illinois.

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

RESPONSE—President George Knol, Illinois Firemen's Association, Inc., Cicero, Ill.

WHAT EXECUTIVES SHOULD KNOW ABOUT FIRST AID AND FIRE PREVENTION—

Hon. Sherman V. Coultas, Fire Marshal of Illinois, Springfield.

THE VALUE OF DISCIPLINE—Major Stuart McLeod, Field Artillery, Lafayette Military Sector, Lafayette, Ind.

SCIENCE AS AN AID TO THE INVESTIGATING OFFICER—Hon. D. M. Ladd, Special Agent in Charge of the Chicago Office, Federal Bureau of Investigation, United States Department of Justice.

VOLUNTEER DEPARTMENTS

TUESDAY, JUNE 15

Afternoon

1:00 p. m. Room 119, Physics Building.

VOLUNTEER DEPARTMENTS, THEIR TRAINING AND EQUIPMENT—Chief Charles J. Foucek, Naperville.

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

7:30 p. m. Open Forum.

WEDNESDAY, JUNE 16

- 9:00 a. m. THE VOLUNTEER DEPARTMENTS will spend all day at the Training Tower. First Aid, Evolutions, Hydraulics, Gas Masks, etc. Under the direction of a committee in charge: Assistant Chief Elmer Dicke, Downers Grove; Chief Waldo Erickson, Western Springs; Chief Charles J. Foucek, Naperville; Chief H. McInnes, La-Grange.
- 4:30 p. m. Baseball—Plugs vs. False Alarms.
- 7:30 p. m. Open Forum.

THURSDAY, JUNE 17

Morning

- 9:00 a. m. Room 100, Physics Building.
DEMONSTRATIONS OF VENTILATING, SALVAGE, SMALL LEADER LINES, ETC.,
R. B. Criswell, Instructor Ohio Inspection Bureau, Columbus.

Afternoon

- 1:00 p. m. At the Training Tower.
EVOLUTIONS—Under the direction of the committee.
- 4:30 p. m. Baseball Finals.
- 7:30 p. m. Vaudeville Show by Firemen, Orpheum Theatre, Champaign.

FRIDAY, JUNE 18

Morning

- 9:00 a. m. Room 100, Physics Building.
OVERHAULING—Chief George L. Chain, Historian, Illinois Firemen's Association, Inc., Bushnell.
FLAME PROOF DECORATIONS—George H. Anderson, Assistant Fire Marshal of Illinois, Springfield.
HOME MADE GADGETS—Assistant Chief Elmer Dicke, Downers Grove.

Afternoon

- 1:00 p. m. GENERAL SESSION, Room 100, Physics Building.

THE NEXT FIRE COLLEGE

June 14, 15, 16, 17, 1938

PAID DEPARTMENTS

TUESDAY, JUNE 15

Afternoon

1:00 p. m. At the Training Tower. All work will be under the direction of a committee in charge: Chief Walter A. Finklein, Belleville; Chief John Link, Blue Island; Chief James Marsh, Granite City; Chief Connel Nicol, Sterling; Assistant Fire Marshal E. J. Ryan, Aurora.

SCHOOL ONE—Ladders and Rope Work.

SCHOOL TWO—First Aid and Gas Masks.

SCHOOL THREE—Minor Equipment and Salvage.

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

7:30 p. m. Open Forum.

WEDNESDAY, JUNE 16

Morning

100 Physics Building

The entire day will be devoted to four schools.

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

100 Physics Building

SCHOOL ONE—Engineer's School: A. H. Gent, Engineer, Illinois Inspection Bureau, Chicago; Gifford T. Cook, Engineer National Board of Fire Underwriters Inc., Chicago.

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—Fire Prevention: Chief Wm.
R. Stoneham, Wood River.

Why Make Inspections?

Types of Inspectors.

Procedure.

Hazards to look out for.

Reports.

Records.

Maps.

National Board of Fire Underwriters.

Room 104 Physics Building

SCHOOL THREE—INSTRUCTOR TRAINING:
Dr. A. F. Dodge, Industrial Educa-
tion, University of Illinois.

Room 208 Physics Building

SCHOOL FOUR—PUBLIC SPEAKING: Con-
tinued through Thursday; Chief
Harry K. Rogers, Chief Engineer,
Fire Prevention Department, Western
Actuarial Bureau, Chicago.

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

7:30 p. m. Open Forum.

THURSDAY, JUNE 17

Morning

9:00 a. m. At the Training Tower: Evolu-
tions under the direction of the com-
mittee in charge.

SCHOOLS ONE, TWO AND THREE.

Afternoon

1:00 p. m. Room 100 Physics Building.

OVERHAULING AND POST MORTEMs—As-
sistant Chief Joe Valentine, Rock
Island.

FLAME PROOF DECORATIONS—George H.
Anderson, Assistant Fire Marshal of
Illinois, Springfield.

FIRST AID AND SAFETY—Mike Tomso,
Sergeant, First Aid and Safety, Divi-
sion of Highways, State of Illinois.

4:30 p. m. Baseball Finals.

7:30 p. m. Vaudeville Show by Fireman at
Orpheum Theatre, Champaign.

FRIDAY, JUNE 18

Morning

9:00 a. m. At the Training Tower: Evolutions under the direction of the committee in charge.

SCHOOLS ONE, TWO AND THREE.

Afternoon

1:00 p. m. GENERAL SESSION, Room 100
Physics Building.

THE NEXT FIRE COLLEGE
June 14, 15, 16, 17, 1938

ADVANCED WORK

TUESDAY, JUNE 15

Afternoon

- 1:00 p. m. Room 104 Physics Building.
PRACTICAL PROBLEMS—Fire Causes, Ex-
tinguishing Methods, Etc.—Fire Mar-
shal R. E. Whalen, Elgin.
- 4:30 p. m. Baseball—Squirters vs. Hookers.
- 7:30 p. m. Open Forum.

WEDNESDAY, JUNE 16

- 9:00 a. m. Room 119 Physics Building.
Advanced Work will be offered for those
who have had preliminary work:
Colonel Clarence Goldsmith, Assistant
Chief Engineer, National Board of
Fire Underwriters, Chicago.
- The Field Laboratory of the Under-
writers' Laboratories' Inc., Chicago,
under the direction of C. M. Jones,
Field Engineer will be available.
- 4:30 p. m. Baseball—Plugs vs. False
Alarms.
- 7:30 p. m. Open Forum.

THURSDAY, JUNE 17

Morning

- 9:00 a. m. Room 119 Physics Building.
TRAVEL OF FIRES—Deputy Chief Fire
Marshal Anthony J. Mullaney, Chi-
cago Fire Department.
- SALVAGE—Chief Frank C. McAuliffe,
Chief of Patrols, Chicago Fire Insur-
ance Patrol.
- ROUND TABLE DISCUSSION.
The work in Public Speaking will con-
tinue all day—Chief Harry K. Rogers,
Room 208.

Afternoon

- 1:00 p. m. Room 119 Physics Building.
COVERED FIRE APPARATUS—Chief Wm.
Platt, Decatur.
- EMERGENCIES—Roy W. Alsip, Secretary
of the Illinois Firemen's Association,
Inc., and Assistant Chief, Champaign.

DEMONSTRATION—

Miniature Fire Streams, R. B. Criswell.

4:30 p. m. Baseball Finals.

7:30 p. m. Vaudeville show by Firemen at Orpheum Theatre, Champaign.

FRIDAY, JUNE 18

Morning

9:00 a. m. Room 119 Physics Building.

INSTRUMENTS—A. H. Gent.

SAFEGUARDING NEW HAZARDS—R. E. Dufour, Assistant Chemical Engineer, Underwriters Laboratories, Inc., Chicago.

MILL AND ELEVATOR FIRES — Eugene Arms, Manager, Mutual Fire Prevention Bureau, Department of Association of Mill and Elevator Mutual Insurance Companies, Chicago.

Afternoon

1:00 p.m. GENERAL SESSION, Room 100 Physics Building.

THE NEXT FIRE COLLEGE
June 14, 15, 16, 17, 1938

GENERAL SESSION

FRIDAY, JUNE 18

Afternoon

1:00 p. m. GENERAL SESSION, Room 100
Physics Building.

ELECTRICAL RESISTIVITY OF ILLINOIS
WATER—Dr. A. M. Buswell, Chief,
State Water Survey, State of Illinois.

MAGIC IN FIRE PREVENTION—Claude
Bawden, Inspector, Underwriters
Laboratories, Inc.

WE ARE NOT THROUGH YET—Richard
E. Vernor, Manager, Fire Prevention
Department, Western Actuarial Bu-
reau, Chicago.

Plans Are Being Made for the
THE NEXT FIRE COLLEGE
June 14, 15, 16, 17, 1938
Come and Bring a Friend

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 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 Fire College, 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.