
PROGRAM OF THE
SIXTEENTH
ILLINOIS FIRE
COLLEGE

FIRE PREVENTION,
CONTROL, AND
EXTINGUISHMENT

June 11, 12, 13, 14
1940

University of Illinois
Urbana-Champaign



Held under the Direction of
Illinois Firemen's Association
Incorporated

R. W. ALSIP, Champaign, *Secretary*
L. H. PROVINE, Urbana, *Director of Fire College*

TUESDAY, JUNE 11

Morning

GENERAL SESSION FOR ALL GROUPS

8:00—REGISTRATION—100 Physics Building.

9:00—THE ILLINOIS FIRE COLLEGE OF THE FUTURE—
President Elmer W. Weidler, Illinois
Firemen's Association, Inc., Mt. Olive.

WHAT WOULD YOU DO IF YOU WERE IN MY
PLACE?—Hon. Edward P. Allen, State Fire
Marshal, Springfield.

ORGANIZING FOR EMERGENCIES IN BULK STATIONS
—Chief William Stoneham, Wood River.

WHO IS BOSS—Captain A. A. Nicholson, Man-
ager Personnel Department, The Texas
Company, New York.

DEMONSTRATION—MECHANICAL REMOVAL OF
SMOKE AND GASES—Chief John Hutchins,
Macomb.

DEMONSTRATION—TWO-WAY TELEPHONE MASK—
George L. Seth, Assistant Manager, In-
dustrial Department, and James R. Flem-
ing, Representative Mine Safety Appli-
ances Company, Pittsburgh, Pa.

TUESDAY, JUNE 11

Afternoon

THE ADVANCED GROUP

1:00—Room 100 Physics Building.

FIRE DEPARTMENT AID^s—DISCUSSIONS AND DEMONSTRATIONS—Sprinklers, A.D.T. Detectors, Standpipes, Extinguishers, Response.

Chairman—William E. J. O'Leary, Deputy Chief, Rochester, N.Y.; Theo. F. Fertig, Automatic Sprinkler Corporation of America, Chicago; Chet Hauth, Viking Automatic Sprinkler Company, Chicago; Jas. B. Rustic, American District Telegraph Company, Chicago; Stanley H. Freelove, Grinnell Company, Inc., Chicago; Mr. McFadden, Walter Kidde & Company, Inc., Chicago.

THE GENERAL GROUP

1:00—AT THE TRAINING TOWER—All work will be under the committee in charge.

Chairman—Chief Elmer Dicke, Downers Grove; Capt. Hugh Ousley, Fire Department Instructor, Missouri Inspection Bureau, St. Louis; Chief Tom Brooks and Chief Thad Fife, of the State Fire Marshal's office, Springfield.

SPECIAL SESSION FOR FIRE CHIEFS

1:00—Room 108 Physics Building.

FIRE FIGHTING TACTICS—Organization and Development—Chief Lloyd Layman, Parkersburg, W. Va.

4:30—BASEBALL—Squirters vs. Hookers.

7:30—OPEN FORUM—West Side Park, Champaign.

LEGAL PROBLEMS—Simon Kellerman III, Attorney Illinois Firemen's Association, Inc.

WEDNESDAY, JUNE 12

Morning

9:00—COMBINED SESSION—Room 100 Physics Building.

INDUSTRIAL PLANT PROTECTION—F. A. Lauer-
man, Superintendent of Industrial Rela-
tions, Republic Steel Corporation, Chicago.

FIRE AND EXPLOSION HAZARDS IN INDUSTRY—
W. J. Fairbairn, Engineer, Western Fac-
tory Insurance Association, Chicago.

SABOTAGE—Emmett T. Cox, Fire Department
Instructor, Indiana Inspection Bureau,
Indianapolis.

THE GENERAL GROUP

10:30—Room 100 Physics Building.

WATER—WHAT IT IS AND WHAT TO DO
WITH IT—George Tatnall, Hydraulic En-
gineer, National Board of Fire Under-
writers, Chicago, and A. H. Gent, Engi-
neer, Illinois Inspection Bureau, Chicago.

THE ADVANCED GROUP

10:30—AT THE TRAINING TOWER—All work will be
under the committee in charge: Harry
N. Wolff, Bureau of Fire Instruction,
Chicago Fire Department, Chicago; Chief
Walter Finklein, Belleville; Chief R. E.
Whalen, Elgin; Chief Jas. Marsch,
Granite City; Chief Connel Nicol, Sterling.

WEDNESDAY, JUNE 12

Afternoon

1:00—COMBINED SESSION—Room 100 Physics Building.

TRANSPORTATION OF HAZARDOUS MATERIALS—
H. E. Newell, Assistant Chief Engineer,
National Board of Fire Underwriters, New
York.

LIFE SAFETY IN BUILDINGS—

The Fireman—Fire Marshal R. E. Whalen,
Elgin.

The Public—J. Burr Taylor, Special Repre-
sentative, Fire Prevention Department,
Western Actuarial Bureau, Chicago.

ADVANCED GROUP

2:00—Room 100 Physics Building.

WATER—WHAT IT IS AND WHAT TO DO WITH
IT—George Tatnall and A. H. Gent.

THE GENERAL GROUP

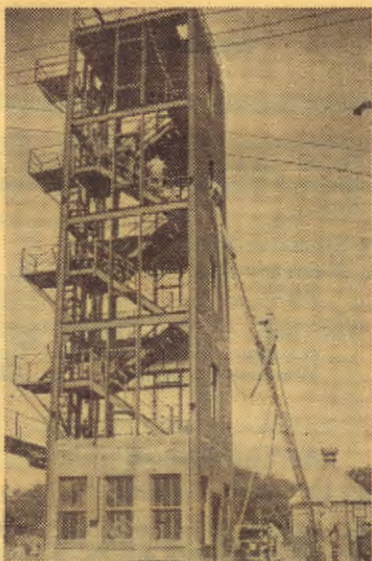
2:00—AT THE TRAINING TOWER—Evolutions under the
direction of the committee.

4:30—BASEBALL—Plugs vs. False Alarms.

7:30—OPEN FORUM—West Side Park, Champaign.

“What’s on Your Mind?” Leader—Deputy
Chief W. E. J. O’Leary.

WEDNESDAY, JUNE 12



MEMORANDA

WEDNESDAY, JUNE 12

SAFETY SCHOOL

Morning

9:00—COMBINED SESSION—Room 100 Physics Building.

The Safety School Work will be under the direction of the offices of the Illinois Department of Mines and Minerals, JAMES McSHERRY, Director, and the U. S. Bureau of Mines, C. A. HERBERT, Supervising Engineer, Vincennes, Ind.

10:30—SAFETY SCHOOL—Room 119 Physics Building.

DEMONSTRATIONS AND DISCUSSIONS—First aid training, efficiency tests on artificial respiration, types of rescue work, squad cars.

Afternoon

1:00—COMBINED SESSION—Room 100 Physics Building.

2:00—SAFETY SCHOOL—Room 119 Physics Building.

FIRE DEPARTMENT PROBLEMS IN PUBLIC SAFETY
—TRAFFIC, HOME, INDUSTRY—Assistant Chief
Joe Valentine, Rock Island.

RESPIRATORY PROTECTIVE EQUIPMENT.

SAFETY SCHOOL SYMPOSIUM.

4:30—BASEBALL.

7:30—OPEN FORUM.

THURSDAY, JUNE 13

Morning

9:00—COMBINED SESSION—Room 100 Physics Building.

TRAVEL OF FIRES, VENTING OF LARGE AREAS—
Battalion Chief John P. Redmond, Chicago
Fire Department.

COOPERATION OF FIRE FIGHTERS AND THE DEPUTY
STATE FIRE MARSHALS—Charles J. Mattson,
Deputy State Fire Marshal, Moline.

THE GENERAL GROUP

10:00—DEMONSTRATION AND DISCUSSION OF FORCIBLE
ENTRY AND THE TOOLS TO USE—Chief Elmer
Dicke, Downers Grove.

FIRES IN TRANSFORMERS AND TRANSFORMER
VAULTS—A. D. Caskey, Electrical Engineer,
Public Service Company of Northern Illi-
nois, Chicago.

ROUND TABLE—DEFINE IT OR DESCRIBE IT—
Chief Harry K. Rogers, Chief Engineer,
Fire Prevention Department, Western Ac-
tuarial Bureau, Chicago.

THE ADVANCED GROUP

10:00—AT THE TRAINING TOWER—Evolutions under the
direction of the committee.

THURSDAY, JUNE 13

Afternoon

12:45—PICTURE TAKEN.

1:00—COMBINED SESSION—Room 100 Physics Building.

BEHAVIOR OF THE HUMAN MIND—Richard E. Vernor, Manager, Fire Prevention Department, Western Actuarial Bureau, Chicago.

THE PERSONAL ELEMENT IN THE FIRE SERVICE—Frank C. McAuliffe, Chief of Patrols, Chicago Fire Insurance Patrols.

ADVANCED GROUP

2:00—Room 100 Physics Building.

RESEARCH WORK IN THE FIRE DEPARTMENT—Anthony J. Mullaney, Deputy Chief Fire Marshal, Chicago Fire Department.

FIRE CHIEFS AND ARSON CASES—George H. Anderson, Assistant Fire Marshal of Illinois, Springfield.

DISCUSSION AND DEMONSTRATION OF FORCIBLE ENTRY AND THE TOOLS TO USE—Division Marshal George E. Graves, Drillmaster, Chicago Fire Department.

GENERAL GROUP

2:00—AT THE TRAINING TOWER—Evolutions under the direction of the committee.

4:30—BASEBALL—FINALS.

7:30—STAGE SHOW—You will want to hear the Fireman's Orchestra.

FRIDAY, JUNE 14

THE GENERAL GROUP

9:00—Room 100 Physics Building.

ROUND TABLE—RURAL PROBLEMS AND HOW WE SOLVED THEM.

Chairman—F. C. Peterson, Hampshire; Norman Conrad, Waukegan; Arnold G. Ehlert, Crystal Lake; Dan McFarland, McLean; Jas. Rouse, Mt. Morris; Jos. J. Dada, Gurnee.

THE ADVANCED GROUP

9:00—AT THE TRAINING TOWER—Evolutions.

COMBINED SESSION for All Groups

11:00—Room 100 Physics Building.

DISASTER OPERATIONS—Chief Harry K. Rogers.

USEFUL DATA FOR A FIREMAN—A. H. Gent and Harry N. Wolff.

BLACKOUT OR BEACON—Richard E. Vernor.

AWARD OF ATTENDANCE PRIZE.

**See You at the 17th Fire College
June 10, 11, 12, 13, 1941**

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.

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.Rs. 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.

BASEBALL

Deputy Fire Marshal Frank Doherty, Jr., will organize the baseball teams. He promises a real series and the Champions will have to beat some good teams.—“See Doherty”

MAIL AND TELEGRAMS

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

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.

ATTENDANCE PRIZES

At the time the program went to press the following attendance prizes had been furnished:

Prizes secured and donated by A. V. Rothwell, Manager National Fire Apparatus Company, 31-39 N. Cedar St., Galesburg, Illinois:

- One Tanic Acid Set.
- One Siren.
- One Fireman's coat.
- One Fog Nozzle.
- One Fireman's helmet.
- One Pyrene extinguisher.
- One Pike Pole.
- Three Gold Plated Badges, Chief, Assistant Chief, and other prizes.

Prizes secured by Secretary R. W. Alsip and the firms who so generously gave them to the Illinois Firemen's Association, Inc.

D. B. Smith Co., Utica, N.Y.—One Indian Fire pump.
Federal Electric Co., 8700 S. State St., Chicago—One Model V. Siren.

The Fyr-Fyter Co., Dayton, Ohio—Model A. Super Fyr-Fyter.

Peter Pirsch & Sons, Co., Kenosha, Wis.—One aluminum ladder.

Carpenter Manufacturing Co., 200 Sidney St., Cambridge, Mass.—One Type G. 23 Master Light.

Elkhart Brass Mfg. Co., Elkhart, Indiana—One L 200 Mystery Nozzle.

Bi-Lateral Fire Hose Co., 20 N. Wacker Drive, Chicago—One Section Ideal Brand Fire Hose.

Mid-Western Manufacturing Co., Mackinaw, Ill.—One Fireman's Coat.

Fulton Bag & Cotton Mills, 3rd & Cedar St., St. Louis—One Trav-L-Bag.

Kerotesk Mfg. Co., Pittsburgh, Pa.—6 Master Hot Pads.

Bishop-White Mfg. Co., Lewiston, Idaho—One Hand-Hold and Wrench Holder.