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PROGRAM OF THE  
SEVENTEENTH  
ILLINOIS FIRE  
COLLEGE

FIRE PREVENTION,  
CONTROL, AND  
EXTINGUISHMENT

June 10, 11, 12, 13  
1941

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*

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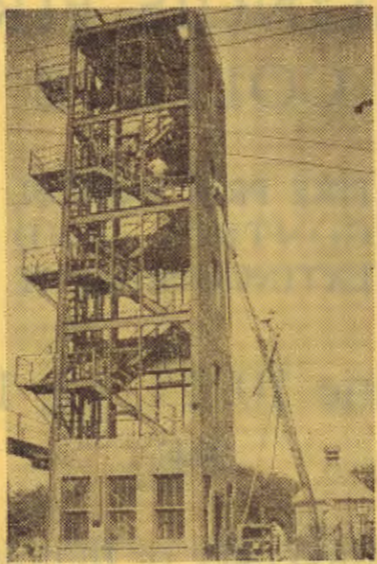
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THE ILLINOIS FIRE COLLEGE

TUESDAY, JUNE 10

WEDNESDAY, JUNE 11

PROGRAM OF THE  
SEVENTEENTH



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Fire Department's Association  
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## THE ILLINOIS FIRE COLLEGE

The Illinois Fire College is organized to present the latest information in fire prevention, control, and extinguishment and the saving of human life. This is an educational program which presents up-to-the-minute information for the fire fighter, industrialist, building manager, institutional director, and the general public.

The nature of the work necessitates the three schools.

**The General School** is intended for those who are attending the Fire College for the first time and it presents valuable information for the small departments.

**The Advanced School** presupposes attendance at previous fire colleges and presents some of the problems of the large city departments.

**The Emergency and Safety Training School** covers the fundamentals of safety in its various phases and first aid training and demonstrations.

The Illinois Fire College acknowledges with appreciation the cooperation of the U. S. Bureau of Mines, Vincennes, Ind., C. A. Herbert, District Engineer, and the Illinois Department of Mines and Minerals, Springfield, Robert E. Medill, Director in the work of the Emergency and Safety School under whose direction this work is given.

THE ILLINOIS FIRE COLLEGE

TUESDAY, JUNE 10

WEDNESDAY, JUNE 11

TUESDAY, JUNE 10

Morning

GENERAL SESSION FOR ALL GROUPS

8:00—REGISTRATION—100 Physics Building.

9:00—FLAG CEREMONY—Chief Harry K. Rogers,  
Chief Instructor, Fire Prevention  
Department, Western Actuarial  
Bureau, Chicago.

YOU'RE UP—President John E. Mersch,  
Illinois Firemen's Association,  
Evanston.

THE STATE FIRE MARSHAL'S OFFICE—Hon.  
John H. Craig, State Fire Marshal,  
Springfield.

CHANGING PATTERNS OF A COMMUNITY—  
R. O. Matson, Assistant Manager,  
Illinois Inspection Bureau, Chicago.

DEMONSTRATION — ALARMS — J. W. Han-  
ford, Plant Protection Specialist,  
The Gamewell Company, Chicago.

DEMONSTRATION — EMERGENCY TANKS —  
Chief John Hutchins, Macomb.

The Next Fire College  
June 16, 17, 18, 19, 1942



TUESDAY, JUNE 10

Afternoon

**THE ADVANCED SCHOOL**

1:00—Room 100 Physics Building.

FIT FOR THE JOB—Fire Marshal R. E. Whalen, Elgin.

WOOD OR METAL—Chief Roy W. Alsip, Champaign, Chief E. J. Albertsen, Springfield.

**THE GENERAL SCHOOL**

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

Chairman—Elmer Dicke, Downers Grove; Chief Tom Brooks and Chief Thad Fife, of the State Fire Marshal's office, Springfield.

**EMERGENCY AND SAFETY TRAINING SCHOOL**

1:00—Room 119 Physics Building.

FUNDAMENTALS OF SAFETY ORGANIZATION.

PHYSICAL LAWS—THE ATMOSPHERE, FLOW OF GASES, WINDS, PRESSURES, TEMPERATURES.

THE SCIENCE OF COMMON THINGS—ELEMENTARY CHEMISTRY AND PHYSICS, SOLIDS, LIQUIDS, AND GASES.

4:30—BASEBALL—Squirters vs. Hookers.

7:30—THE BLACKOUT—West Side Park, Champaign.

TUESDAY, JUNE 10

WEDNESDAY, JUNE 11

The Next Fire College  
June 16, 17, 18, 19, 1942

**WEDNESDAY, JUNE 11**

**Morning**

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

UPS AND DOWNS—William Stoneham, Wood River.

OPEN FOR INFECTION—Dr. J. F. Cox, Medical Director, Illinois Bell Telephone Company, Chicago.

SAWING WOOD—You'll want to see this.

**THE GENERAL SCHOOL**

10:30—Room 100 Physics Building.

EXPANDING OUR FIRE DEFENSES—George Tatnall, Engineer, National Board of Fire Underwriters, Chicago, and A. H. Gent, Engineer, Illinois Inspection Bureau, Chicago.

**THE ADVANCED SCHOOL**

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 R. E. Whalen, Elgin; Chief Connel Nicol, Sterling.

**EMERGENCY AND SAFETY  
TRAINING SCHOOL**

10:30—Room 119 Physics Building.

GASES, VAPORS, AND DUST—WHAT IS FIRE, WHAT CAUSES EXPLOSIONS, GASES MET WITH IN CHEMICAL WARFARE.

The Next Fire College  
June 16, 17, 18, 19, 1942

# WEDNESDAY, JUNE 11

## Afternoon

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

FIRE DEPARTMENT PROTECTION OF ESSENTIAL INDUSTRIES DURING EMERGENCIES—J. Burr Taylor, Special Representative, Fire Prevention Department, Western Actuarial Bureau, Chicago.

THE INCENDIARY BOMB—Emmett T. Cox, Fire Department Instructor, Indiana Inspection Bureau, Indianapolis, Ind.

## THE ADVANCED SCHOOL

2:00—Room 119 Physics Building.

EXPANDING OUR FIRE DEFENSES—A. H. Gent and George Tatnall.

## THE GENERAL SCHOOL

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

## EMERGENCY AND SAFETY TRAINING SCHOOL

2:00—Room 100 Physics Building.

METHODS OF DETECTING AND ANALYZING GASES.

RESPIRATORY PROTECTION—GAS MASKS FOR THE FIRE DEPARTMENT, INDUSTRY, AND CHEMICAL WARFARE.

4:00—DEMONSTRATION—FIRE FROM THE SKY OR THE INCENDIARY BOMB—Emmett Cox.

4:30—BASEBALL—Plugs vs. Falsé Alarms.

6:30—CHANUTE—Chanute Field Inspection Trip.

7:30—THE BLACKOUT—West Side Park, Champaign.

The Next Fire College  
June 16, 17, 18, 19, 1942

# THURSDAY, JUNE 12

## Morning

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

STATE WIDE FIRE DEFENSE—George H. Anderson, Assistant Fire Marshal of Illinois, Springfield.

A WOMAN SPEAKS—Miss Vera M. Binks, President, Illinois Federation of Business and Professional Women's Clubs, Kewanee.

HALO OR HORNS—Father William Gorman, Chaplain, Chicago Fire Department.

## THE GENERAL SCHOOL

10:00—Room 100 Physics Building.

TESTS OF VALUE TO THE FIRE DEPARTMENT—Deputy Chief Wm. E. J. O'Leary, Rochester, N. Y.

DO YOU RESCUE CATS?—Assistant Chief Joe Valentine, Rock Island.

## THE ADVANCED SCHOOL

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

## EMERGENCY AND SAFETY TRAINING SCHOOL

10:00—ANATOMY AND FIRST AID—THE HUMAN BODY, CIRCULATION OF THE BLOOD, RESPIRATION, FRACTURES, SHOCK, BLEEDING, BURNS.



# THURSDAY, JUNE 12

## Afternoon

12:45—PICTURE TAKEN.

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

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

SABOTAGE—Speaker to be assigned from the Federal Bureau of Investigation, U. S. Department of Justice, John Edgar Hoover, Director.

### THE ADVANCED SCHOOL

2:30—Room 100 Physics Building.

EMERGENCY EVACUATION OF BUILDINGS—T. Alfred Fleming, Director of Conservation, National Board of Fire Underwriters, New York, N. Y.

EMERGENCY PUMPERS—H. Walker, Chief Engineer, American-La France-Foam-ite Corporation, Elmira, N. Y.

### THE GENERAL SCHOOL

2:30—AT THE TRAINING TOWER—Evolutions under the direction of the committee.

### EMERGENCY AND SAFETY TRAINING SCHOOL

2:30—AT THE SMOKE CHAMBER—PRACTICAL PROBLEMS IN RESCUE, TESTS IN THE SMOKE CHAMBER.

4:30—BASEBALL—FINALS.

7:30—MOTION PICTURES AT THE ORPHEUM THEATRE—See the Pictures of the 16th Fire College.

THURSDAY, JUNE 12

FRIDAY, JUNE 13

ATTENDANCE PRIZES

The Next Fire College  
June 16, 17, 18, 19, 1942

**FRIDAY, JUNE 13**

**THE GENERAL SCHOOL**

9:00—Room 100 Physics Building.

A RURAL DEPARTMENT NEEDS.....?

A round table discussion directed by members of the Illinois Inspection Bureau, C. W. Soderstrom, Manager.

**THE ADVANCED SCHOOL**

9:00—AT THE TRAINING TOWER—Evolutions.

**EMERGENCY AND SAFETY  
TRAINING SCHOOL**

9:00—Room 119 Physics Building.

ORGANIZING FOR EMERGENCIES—PERSONNEL,  
EMERGENCY TRUCKS, AND OTHER  
EQUIPMENT.

WHERE ARE THE HAZARDS?

**COMBINED SESSION FOR  
ALL GROUPS**

11:00—Room 100 Physics Building.

DEMONSTRATION—FLAME EXTINGUISH-  
MENT—G. L. Wolff, Assistant Engi-  
neer, Underwriters' Laboratories,  
Inc., Chicago.

USEFUL DATA FOR FIREMEN—A. H. Gent,  
Harry N. Wolff, and George Tatnall.

UP IN THE AIR—

See You at the 18th Fire College  
June 16, 17, 18, 19, 1942

## 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 Tom Abrams will organize the baseball teams. He promises a real series and the Champions will have to beat some good teams.—“See Tom.”

## 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.*

FRIDAY, JUNE 13

ATTENDANCE PRIZES

## ATTENDANCE PRIZES

The following prizes have been secured by A. V. Rothwell, the National Fire Apparatus Company, 31-39 N. Cedar St., Galesburg, Ill., and Chief Roy W. Alsip, Secretary, Illinois Firemen's Association, Inc.

- One Carbontetrachloride 1-qt. Extinguisher from the Fyr-Fyter Company, Dayton, O.
- One Carbontetrachloride Extinguisher by Pyrene Company, Newark, N. J.
- One Grether-Type Searchlight from the Harris Manufacturing Company, Dayton, O.
- Three 50-ft. Sections Best Grade Garden Hose from the B. F. Goodrich Company.
- One 1½ in. C. P. Elkhart Mystery Nozzle from the Elkhart Brass Manufacturing Company, Elkhart, Ind.
- Three Gold-Plated Chief or Assistant Chief Badges from the National Fire Apparatus Company, Galesburg, Ill.
- One Midwestern Fireman's Coat from the Midwestern Manufacturing Company.
- One No. 90 Indian Fire Pump from D. B. Smith Company, Utica, N. Y.
- One 50-ft. Section Light Weight Double Jacket Bi-Lateral Fire Hose from the Bi-Lateral Fire Hose Company, Chicago.
- One Surprise Prize from Peter Pirsch & Sons, Kenosha, Wis.
- One No. 5-11 Emergency Lamp from the Unity Manufacturing Co., Chicago.
- One Unity Spotlight from the Unity Manufacturing Company, Chicago.
- One Pair Unity Fog Lights from the Unity Manufacturing Company, Chicago.
- One Electric Clock donated by Simon Kellerman III.

*(Continued on page 14)*



**ATTENDANCE PRIZES**  
(Continued)

One Electric Siren from the Federal Electric Company, Chicago.

One New Type Helmet from the Mine Safety Appliance Company, Pittsburgh, Pa.

Three Hull Auto Compasses from Louis Lehr, Manager, Seagrave Corporation, Chicago.

Two 1-qt. Fire Gun Extinguishers from Chas. Cizek, The American-LaFrance Foamite Corporation, Chicago.

Simon Kellerman Jr., Treasurer of the Illinois Firemen's Association, Inc., has presented the Fire College for Award as an Attendance Prize:

One Old Glory Action Display Flag, which will operate on 110 volts.

ATTENDANCE PRIZES