

## URBAN FATALLY BURNED IN W. VA. PLANT EXPLOSION

**President of Class of '27  
Dies in Charleston a  
Week After Blast**

John W. Urban, '27, honor graduate in chemical engineering, winner of the first prize in the 1926 Essay Contest of the American Chemical Society, and president of his senior class, died Aug. 2 in Charleston, W. Va., as a result of burns received a week before in an explosion of the Carbide and Carbon Chemical Co.'s unit at which he was employed. He would have been 23 years old tomorrow.

### Was Assistant Foreman

Urban was assistant foreman at the plant. At the time of the accident, about 6:30 P. M. on July 27, it is supposed that he and a helper were looking for a leak in a condenser. Vapors, from liquids more volatile than gasoline, escaping through the leak, rolled in a cloud down to the furnaces, a distance of about fifty feet, where they were ignited. The flames, traveling back with explosive rapidity, enveloped Urban, and at the same time blew the head off the condenser, releasing the mass of volatile liquids and gases, and aggravating the intensity of the fire. Although already in flames, Urban did not leave his post until he had turned off the inlet vapor line to the condenser. Then running through the masses of flame to the outside, he rolled on the ground to extinguish his clothing. After first-aid treatment at the plant, he was rushed to the hospital, where it was said he had an even chance of recovering. He lived almost a week, and appeared on the verge of recovery, when toxic poisoning developed, and he died a few hours later. There were no others injured in the accident.

### Buried in La Grange

The body was brought to La Grange, to the home of his parents, Mr. and Mrs. J. E. Urban, 321 South  
(Continued on page 3, column 2)

## Night School Classes To Begin Next Monday

Registration for Armour Tech Evening School will take place Friday evening, September 21. First semester classes will begin Monday, September 24, and will continue through Saturday, January 19, 1929. The second semester of Evening School will begin January 21 and continue through May 4.

Bulletins describing the courses of instruction at the evening school can be obtained in the office of the Deans. Many of the regular day school courses are taught, and also several special courses. Robert V. Perry, Professor of Machine Design, is Director of Evening Classes.

## Victim of Fire



JOHN WILLIAM URBAN

## Three Instructors Added To Faculty

Three new names appear on the faculty list this semester, and two new assistant librarians have been employed by the Institute. Mr. Herbert Ensz, B. S., has been added to the Civil Engineering Department faculty as Instructor of Civil Engineering.

Mr. H. W. Haggard, B. S., will be an instructor in the Department of Mathematics. He obtained his degree at the Denison University, where he was also a member of the Delta Phi fraternity.

Mr. F. T. Foerster is to assume charge of the Forge Shop, where he will succeed the late Mr. J. P. Kennedy. Mr. Foerster was formerly engaged in research work for the Western Electric Company.

Miss Dorothy Cornwell, one of the new assistant librarians, comes here from Chisholm, Minnesota, where she was in charge of the library at the Senior High School.

Mrs. Elizabeth Smith, the other assistant to Miss Steele, was formerly the librarian of the Public Library at Chebron, Nebraska.

(Continued on page 3, column 1)

## SCHOOL CALENDAR

**Monday, Sept. 17:**  
Freshman Registration.  
**Tuesday, Sept. 18:**  
Upper-class Registration.  
Freshman Assembly, 10:10 a.m.  
**Wednesday, Sept. 19:**  
Instruction Begins.  
**Friday, Sept. 21:**  
Evening School Registration.  
**Monday, Sept. 24:**  
Evening Classes begin.

## Programs Now Func- tioning Under New Credit-Hour System

The new semester-hour credit system announced last spring goes into effect with the opening of this new term. Under this system a semester-hour will mean one-third of the total time spent on a particular subject, both in the class-room and in preparation. Thus, a student credited with a semester-hour in a certain subject will have spent one hour a week in the classroom and two hours a week in preparation, or two hours a week in the classroom and one hour in preparation throughout one semester.

For example, the requirements in Calculus II are four hours per week in the classroom and eight hours preparation. This totals twelve hours, which, divided by three, reduces to four semester-hours. General Literature requires but one hour per week in the classroom and no preparation, and is, in consequence, equivalent to one-third of a semester-hour. Each of the present courses at Armour is arranged to total about 140 semester-hours over a period of four years.

The new system represents a large amount of work on the part of the Deans and has been decided upon after a careful analysis of the problems of both the instructor and the student. The abilities and limitations of the "average" student have been duly taken into consideration in determining the amount of time required to prepare a subject adequately. The instructor, with the tabular view of courses before him, can see at a glance the amount of work required of the students in each course and make his assignments accordingly. The student also is enabled to "check up" on an instructor and

(Continued on page 3, column 4)

## DIRECTIONS TO INCOMING FRESHMEN

Freshmen will register as follows:

1. Fill out enrollment cards in the Dynamo Laboratory, 1st floor, Main building.
2. Enroll in the office of the Deans.
3. Pay fees in the Library.
4. Enroll with instructors who will be in the Library and who will assist in making out program cards.

## ENROLLMENT DAY DRAWS 260 FROSH TO ARMOUR TECH

**School Takes in Capacity  
Number at Annual  
Registration**

Two hundred and sixty freshmen are being admitted to Armour Institute today. That number represents about the very limit which space in our buildings will allow the registrar to take in. Approximately another 250 applicants have been refused admittance simply because of the lack of room.

Freshmen entering Armour Tech come from all parts of the country, and frequently represent many foreign countries as well. Last year, out of a total enrollment at the Institute of 855 students, twenty-four states and eleven foreign countries were represented.

An innovation is introduced this year in the freshman program. All their shop, laboratory, and drawing courses will be given in the morning, instead of in the afternoon as heretofore. The lecture and recitation classes will be held in the afternoon.

While realizing that this plan is not quite as satisfactory or pleasant to the students or to the faculty, the office was compelled to make the readjustment because of the shortage of classroom space. Under this arrangement, the demand for classrooms in the morning will be somewhat lessened.

## Armour Tech News Is Now to Appear Weekly

The second issue of Volume 2 of the ARMOUR TECH NEWS will appear next week Thursday, and thereafter an issue will appear weekly, the regular day of publication to be Thursday, and the regular size of the paper to be five columns wide by about 18 inches deep. Decision to place the NEWS on a weekly basis came from the staff at the end of last semester, after five issues of the new publication had successfully appeared at bi-weekly intervals. Not only that there was sufficient news around the school to warrant weekly publication, but also that more frequent appearance of the school newspaper was necessary to produce proper continuity and completeness of the news items, were the reasons advanced by the staff in making the decision.

Positions for several reporters and assistant editors are still available on the organization, and men from all classes, the Freshmen and Sophomore in particular, are invited to make their bids for the vacant posts. Men who have had previous experience on the publications of other schools are especially urged to serve, though such experience is by no means essential.

## ARMOUR TECH NEWS

Student Publication of the  
ARMOUR INSTITUTE OF TECHNOLOGY  
CHICAGO, ILLINOIS  
Published Weekly During the College Year

Editor-in-Chief ..... John Hommes, '29  
Business Manager..... Russell E. Johnson, '29  
Vol. II. SEPTEMBER 17, 1928 No. 1

### Welcoming the Hopefuls

Today is the day of daze. The annual freshman stampede is in full progress. Two hundred and sixty boisterous and bewildered frosh are jostling each other in their long impatient line, anxiously waiting for the cashier to relieve them of the crisp slips of paper which bear their pater's signature and a tell-tale figure representing a decline in said pater's bank account.

The next few weeks will reveal this groping group in disorganized search for "D-Mission," "A-Chapin," and "second unknowns." A whole semester of gruelling work will have to pass before they really get into the swing of the Armour Tech industry.

Just as thousands of other students who are entering college this week, these students will experience the strangeness which a new environment and new associates is bound to produce. However, we do not believe that this feeling will be as pronounced for Armour's entering freshmen as it will be for those of most other colleges and universities, for several reasons: first, because of the comparatively small size of our school, which in turn makes for a more friendly feeling among the students; and, secondly, because the Armour student body does not believe in "hazing" as it is frequently practiced in other schools, and which is the constant dread of so many of the young innocents starting out on their college career.

To the entering freshmen: You are enrolling at the Armour Institute of Technology just at the time when its future appears brighter than ever before. The next four years will see more progress and change in the Institute than perhaps any four years in its history. It will therefore be well for you to begin your course with a determination to do your part to merit a prominent place in its hall of fame.

We want you to make yourselves at home right from the first day. If you meet with any puzzling situations, take your problem to an upper-classman, a senior preferably. (The seniors were freshmen themselves at one time, though they will not always admit the fact.) Or else take your troubles to the deans, or to any of the members of the faculty. They guarantee service in anything from College Algebra to washing the backs of your necks.

### John William Urban

John Urban is dead. Countenances fell, hearts saddened, as news of the tragedy of which he was the victim swiftly reached the ears of his many friends. It seemed incomprehensible, that the same "Johnnie," whose pleasant smile won the good will of all who saw him, and whose brilliancy carried him to peaks of honor and brought distinct glory to his alma mater, should so suddenly be snatched from the very prime of his life.

Armour Institute of Technology mourns his loss deeply. Apparently a great future was in store for him, a future of achievements in part foreshadowed by his remarkable record here at Armour. As an alumnus, he was a distinct asset to his school. As an employee he was invaluable to his firm. As a son, he was an honor to his parents.

Probably the most noteworthy phase of the disaster was his heroic presence of mind. After the explosion had occurred, and Urban was enveloped in flames, he stuck with the job until he had shut off the valve which was feeding the flammable vapors to the blazing condenser. He didn't have to do that. He could have run at the first suspicion of danger, in which case his life would probably have been saved. But it was not in him to run. His overwhelming sense of responsibility made him disregard his own danger in his effort to prevent complete demelishment of the plant.

Armour Tech points with pride to the name of John William Urban on its list of alumni.

## 300 Titles Library Summer Acquisition

Approximately 300 books, all new and of latest editions, have been added to the library shelves in the past few weeks. A steady stream of packages and boxes has been carried through the doors of the library as the orders that were sent to various publishers this summer were rapidly being filled. The titles include not only the very latest of engineering treatises, but number among them many books on travel, history, economics, religion, and fiction as well.

Miss Steele, Librarian, together with her assistants, has been faced with the problem of finding room on the shelves for the new arrivals. What few old and disused books there are will be placed in storage in Chapin Hall, where hundreds of other old editions and rare copies are being kept. The remaining space will have to be provided for by the erection of additional shelves.

A glance over the list of titles reveals an array of interesting reading. A few of the new books and their authors, picked at random from the order cards, convey an idea of the variety and scope of subjects which are represented in new material.

In fiction, there are found the very best works of Boyd, Curwood, Stevenson, and London; "One of Ours" by Willa Cather, four or five of Dumas' famous novels; James Stephens' "Crock of Gold"; "Nigger of the Narcissus" by Joseph Conrad; the famous "Green Murder Case" by S. S. Van Dyne; and many others.

In travel, science, history, engineering, a host of other luring titles appear, of which a few are:

✓"Probability and its Engineering Uses"—Fry.

"Glorious Adventure"—Halliburton.

"Harvest of Years"—Burbank.

✓"Evolution of Science and Religion"—Milikan.

"Bismarck" and also "Napoleon"—Ludwig.

"Electrical Power Transmission"—Loew.

"Study of the Oceans"—Johnstone.

"Rotary Converters"—Hiel.

"Industry and Politics"—Mond.

"Sound"—Richardson.

"Story of Everest"—Noel.

"Aeroplane Structure"—Peppard and Pritchard.

"Strategy and Tactics of Air Fighting"—Stewart.

"Fatigue of Metals"—Moore and Kommers.

"Acetate Silk and its Dyes"—Mullin.

"Indiana Shore Lines and Sand Dunes"—Cressey.

"Design and Construction of Dams"—Wegmann.

"Recent Advances in Organic Chemistry"—Stewart.

"Dictionary of Applied Chemistry" (7 vols.)—Thorpe.

"Power House Design"—Thorndike.

"History of Medieval Europe"—Thorndike.

## Information For Students

### Registration Days

Monday and Tuesday, September 17 and September 18, are devoted entirely to registration, enrollment in classes, making out program cards, and such other preliminaries as are necessary in order to begin the regular work on Wednesday, September 19. A charge of one dollar is made for registration later than the dates mentioned above.

### Registration

September 17: Freshmen will first fill out enrollment cards in the Library and then enroll in the Office of the Deans. After enrollment they then enroll with their instructors, who will be found in the Library and who will assist them in making out their program cards.

September 18: Sophomores, Juniors, and Seniors will enroll as follows: Mechanicals with Professors Huntly and Peebles in the Strength of Materials Laboratory, basement, Main Building.

Electricals: with Professors Nash and Richardson in the Electrical Lecture Room, 2nd floor, Main Building.

Civils and Architects; with Professors Stevens and Heald in the Civil Drafting Room, 2nd floor, Mission Building.

Chemicals; with Professors Freud and Bentley in Room A, 4th floor, Main Building.

Fire Protects; with Professor Finnegan and Mr. Holmes in Room H, 3rd floor, Main Building.

After enrollment, students should pay their fees in the Library, receiving a registration receipt.

### Enrollment in Classes

The registration receipt must be shown to the instructor, as it entitles the student to enter classes. No student is allowed to enroll in a class without this receipt. As soon as a student has enrolled in all of his classes, he should make out a permanent program card and leave it, with class enrollment card, at the Office of the Deans. Blank program cards for this purpose may be obtained in the Office of the Deans.

### Vaccination

The Medical Adviser should be consulted in regard to vaccination. He may be found in the Gymnasium, 5th floor, Main Building.

### Library

Students may draw books from the Library by showing their registration receipts to the Librarian.

### Gymnasium

Hours for exercise and class-work are to be arranged with Mr. Krafft, Instructor in Physical Training, Gymnasium, 5th floor, Main Building.

### Check Room

The Check Room is located on the main floor of the Mission Building, West Tower Entrance. Students are expected to check their hats, overcoats and umbrellas.

### Elevator

Juniors and Seniors are the only students allowed to use the elevator.

### Text Books

Text books and all students' supplies may be obtained at the Students' Supply Store.

### Board and Room

Information in regard to board and room may be obtained in the Office of the Deans.

### Lunch Room

The Lunch Room is located at the north end of Ogden Field. Luncheon will be served between the hours of 11:30 A. M. and 1:30 P. M.

### Telephone

A public telephone for local and long distance calls is located at the north end of the hall, 2nd floor, Main Building.

### Cashier's Office

After September 17, all fees and deposits for lockers, keys, tools, laboratories, drawing boards, etc., are to be paid in the Cashier's Office, northwest corner, 2nd floor, Main Building.

## Mr. Kennedy is Dead After Long Illness

Mr. J. P. Kennedy, who for the last fifteen years has been Instructor in charge of Armour's Forge Shop, died August 29, at the age of fifty-six.

He had been ill since November of last year, and during that time was back at the Institute only two days.

Mr. Kennedy sought to regain his health this winter at the Sacred Heart Sanitarium in Milwaukee, but failed to meet with any improvement.

He was buried Saturday, Sept. 1, at the Mt. Hope Cemetery. Pallbearers were chosen from among his friends here at the Institute and were Messrs. Larsen, Peebles, Roesch, Mohler, Peterson, and Gatley.

Mr. Kennedy is survived by his wife and three children, a son and two daughters.

### News, Engineer, Alumni Assoc. Share New Office

The official headquarters of the ARMOUR TECH NEWS will henceforth be located in Chapin Hall, on the third floor at the second entrance. There, in a flat leased for the purpose by the Institute, the NEWS will share office space with the Alumni Association and the Armour Engineer.

The former office of the Engineer, on the third floor at the first entrance, is to be given over to the Department of Fire Protection Engineering for its headquarters. Professor J. B. Finnegan, head of that department, and Professor C. P. Holmes, will make their offices there.

The office which heretofore has been occupied by the Alumni Association, that on the first floor, will be assigned to the library, which already uses the rear section of the flat for the storage of its books. Those books which are only occasionally used for reference, as well as rare books no longer available for circulation, are to be stored in the entire flat.

### Three More Instructors Added to Tech Faculty

(Continued from page 1)

The two assistants of last year have both left Chicago. Miss Peggy Heffernon was married on August 18 to Arthur W. Henry of the class of '28 and is living in Dayton, Ohio. Miss Katherine Tiplady is now in charge of the library of Fort McKinzie U. S. Veterans' Hospital located at Sheridan, Wyoming.

## Dies



JOSEPH PATRICK KENNEDY

## Urban Fatally Burned In Plant Explosion

(Continued from page 1, column 1) Brainard Avenue. Funeral services were held Saturday afternoon, Aug. 4, conducted by Dr. E. A. Thompson of the Congregational Church, of which he was a member.

John Urban was born in Chicago, Sept. 18, 1905. In 1912 his family moved to La Grange. He attended the Lyons Township High School there, and made a notable record in scholarship and other activities. He was art editor of the Tabulae, Lyons annual, and a member of their golf team. At that time he took a correspondence course in cartooning, for which he showed much talent, and considered seriously making it his vocation, but decided instead to go to Armour to study chemical engineering.

His record at Armour is a brilliant one. Besides graduating with highest honors in his department, he was president of his graduating class, art editor of the Engineer, contributor of many art plates to the 1926 and 1927 Cycles, president of the Armour Branch of the A. I. Ch. E., and captain of the Armour Tech golf team, which won the Western Intercolleg-

iate Championship in 1927. In consequence of his excellent work on the golf team, he was awarded a major letter. In the fall of 1926, he brought a distinct honor to the Armour Institute when he achieved first place in the annual prize essay contest conducted by the American Chemical Society.

After leaving Armour, he was sent to Buffalo in the employ of the Linde Air Products Co., a subsidiary firm to the Carbide and Carbon Co. He worked in the laboratories of that company for one month, after which he was transferred to Charleston to work in the efficiency department of the Carbide Company's plant. Here he ran tests of different pieces of equipment, the tests running continuously in three eight-hour shifts, and frequently requiring several months for their completion.

On the first day of January a serious fire occurred, which partially destroyed the plant. Partly for their gallant efforts in extinguishing this fire, he and the two men who worked shifts with him were made assistant foremen. From that time on, he was responsible for the continued good operation of the plant during his shift.

John Urban was a member of Tau Beta Pi, honorary engineering fraternity, Phi Lambda Upsilon, honorary chemical fraternity, and Sphinx, honorary literary fraternity.

## Programs Now Functioning Under Credit-Hour System

(Continued from page 1, column 3) ascertain whether or not he is assigning more work than the program permits.

This system may later be used to figure averages, thus giving the proper weight to the various subjects.

Another object of the system is to enable officials of other colleges to compare the amount of work requisite for graduation at Armour Institute with their own requirements. The problem of accrediting the work done by a student at another school is thus greatly simplified.

## Memory Exercise, Freshmen

### ARMOUR TECH FIGHT SONG

Fight team, fight hard for dear old Armour,  
We are the fighting Engineers;  
Raise up the Black and Yellow higher  
Safe for all the years.  
RAH! RAH! RAH!  
Fight team, fight hard for dear old Armour,  
Keep her honor pure;  
We'll make her glory ever brighter.  
Fight on, and victory's sure.

# The Red Brick Building

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If you carry your lunch, eat it there, at tables specially provided for that purpose.

If you do not carry your lunch, the cafeteria offers a selection of choice foods, well cooked, and at reasonable prices.

Get into the habit of going to the Armour Tech Cafeteria for your noon-day meal!

*Student Entrance Through Side Door  
Opening Into Ogden Field*

### Freshman Assembly

10:10 TUESDAY

Sept. 18, 1928

All Freshmen and new students should be present.

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The White Top Paroid Cap Sheet adds years of wear. It reflects the rays of the sun and seals in the waterproofing materials beneath. Samples and Specifications on request.



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## A. GENT ELECTED TO HOLD BASEBALL RUDDER IN SPRING

### Simpson Back to Hurl Terror at Enemy

Abel H. Gent, '29, regular third baseman for the last three years, has been elected captain of Armour Tech's 1929 baseball team. Although never a spectacular player, Gent's steady and consistent fielding together with his timely hitting have contributed greatly toward the success of his team.

Gent received his first training in baseball at the Carl Schurz High School, where he played on the 1924 city championship team. The Schurz team of that year was also victorious in the intercity game with the New York High School, and thus automatically carried off the Eastern championship.

The 1928 season of the Armour Tech baseball team, which terminated on Circus Day, May 19, with the annual Alumni game, was a decided success, the team turning in ten victories against five defeats. The Battling Techmen demonstrated their ability by downing some of the strongest college aggregations of this section of the country.

Three of the defeats were by the close score of 2-1, one of which was received at the hands of Luther College, Iowa State Champions for the last three years.

The outstanding feature of the season was the spectacular pitching of King Simpson, who is credited with eight of the ten victories reaped by the team. The climax of his hurling was reached when he pitched a brilliant no-hit, no-run contest against De Kalb Normal. Other outstanding players, all of whom are back in the fold this year, are Rossetti, short stop and last year's captain; Robin, first base, and Stehno, pitcher.

### Jorgensen, Formerly of '28, Succumbs

Edwin C. Jorgensen, an architectural student, formerly of the class of '28, died Tuesday, August 28, after being ill for more than a year. Jorgensen was born in 1906 in Joliet, Illinois, where he received his grammar and high school education. He entered Armour in 1924, and attained a high record in his studies. His ability as an artist was recognized when he was elected to membership in Scarab, honorary ar-

## 10 Wins in 13 Was 1928 Tennis Record

Thirteen games on a tennis schedule may be an omen of ill portent, but be that as it may, it didn't phase the team one bit last season, for out of the thirteen games they emerged victorious in ten. Grinnell College of Milwaukee, led by that shining light of tennis, Harris Coggeshall, scored the only defeat that really hurt, since the other two failures, received at the hands of Marquette and Lake Forest, were balanced by wins later in the season. Triumphs were also chalked up against Michigan State, U. of Louisville, Detroit City College, Hillsdale, Wheaton, and Loyola.

Much of the credit for the remarkable showing of the team naturally falls upon George Jennings, who was serving his second term as captain, and who, as usual, held the greater part of the attention, due to his masterful handling of the racket. After the completion of the season for the school team last spring, Jennings proceeded to tour the country picking up cups and trophies wherever he went, and in so doing has brought much glory to Armour. He is now both singles and doubles champion of the National Public Parks, singles champion of Wisconsin State, and Beverly Hills, and runner up in Illinois State, Michigan State, as well as for the Lehigh Valley Championship. A complete story of his achievements, along with his picture, will appear in the next issue of the ARMOUR TECH NEWS.

With Ray Stellar as captain, and with several of the old regulars back in the fold, the 1929 Armour Tech tennis team should harvest an even greater number of victories.

chitectural fraternity. The initials "E. C. J." were familiar ones to readers of the Cycle and of the Engineer, who observed them affixed to many of the plates and cartoons in those publications. He was also a member of the Phi Pi Phi fraternity.

Just before the close of the semester in 1927, he was compelled to lay aside his studies because of his health, and since that time he has not returned to classes. He was apparently regaining his health at the time of his decease, however, and his sudden death was unexpected by his parents and friends.

FOR SALE—Remington Portable Typewriter, brand new, latest model. Finished in sky-blue Duco. Will sacrifice at 25 percent below cost, or at \$45.00. Phone Stewart 7262.

## KRAFFT CHOSEN BASKETBALL HEAD

William C. Krafft will direct the destinies of the Armour Tech Basketeers for the coming season, succeeding Milton Romney as head coach. Mr. Krafft is well known to both alumni and students, having been associated with the Institute for the last six years as Director of Physical Training, and also serving in various coaching capacities during that time.

Back in 1922 and 1923, when Mr. Krafft first came to Armour, he was coach of the basketball team, and performed the job with a high degree of success. However, just at that time the seriousness of the baseball situation became such that it was imperative that a man be delegated to devote most of his time to training men for better work on the diamond, and Krafft was given the job. In 1923, with no coach, the baseball team won only three games out of fifteen. The next year, the same team, after a few of the niceties of the game had been drilled into them by Bill Krafft, won exactly half of the games on a difficult schedule. The following year the team won eleven out of fifteen games and since then has consistently finished every season with at least two-thirds of its games chalked up as victories.

Mr. Krafft graduated in 1920 from North Central College of Naperville, Illinois, known at that time as Northwestern College. That he was active in sports at his alma mater is evidenced by the fact that he possesses nine major letters, which he won in basketball, baseball, and football.

Following his graduation, Krafft spent a year as coach of basketball, baseball, and football at the Waukegan High School. The following year he assumed the position of Director of Physical Training at the Armour Institute of Technology.

## 33 Civils Complete Summer Camp Course

Thirty-three students of last year's freshman Civil Engineering class were in attendance at the annual Civil Summer Camp at Trout Lake, Wisconsin, from June 17 to July 26. Three members of the faculty, Professors Wells, Smith, and Heald, were in charge of the classes while William L. Hafner, '30, was the student assistant. The courses taught at the Civil Summer Camp are part of the regular curriculum of the Civil Department, and attendance for at least one summer is compulsory if a B. S. Degree in Civil Engineering is desired.

The course includes instruction in the use of the transit, laying out of curves, leveling, typographic surveying, railway and highway location, triangulation, and practice with the sextant.

Trout Lake is located about eighteen miles north of the town of Minocqua, Wis., and about thirty miles from Brule, the town near which President Coolidge spent his vacation. The camp is part of a Wisconsin reserve called the Northern State Forestry Park, and because of the fact that the purpose of the reserve is to encourage the growth of pine, the students at the camp prohibited from cutting away any of the small trees and brush which gradually accumulate. It is said that the problems assigned in field work are becoming more and more difficult because of the existence of this brush.

### URSON '09, DROWNS NEAR NILES

Frank J. Urson, Jr., '09, a graduate of the Department of Civil Engineering, was accidentally drowned in Indian Lake, near Niles, Michigan, on August 16. Urson was prominent in the movie world, having been, up to the time of his death, a film director for De Mille.

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