FOURTH SEASON FOR CAMP OF PRACTICAL SURVEYING

Technology, Maine, A Busy Community During Seven Weeks Of Outdoor Summer School--Railroad Is Put Through.

The 20th and busiest season of the Summer Camp of Surveying, held for students of courses I, XI and XV, open 1, took place this year from July 27th to September 17th, under the direction of the U. S. Metal Refining Co. at Schenectady. It is with the Phelps-Dodge Co., conducting experiments on low grade copper ore at Douglas, Ariz., given by the T. C. A. will be held two miles from the school. Mr. Addicks is a metallurgical engineer and was recently made the President of the American Electro-Chemical Society. After graduation he worked in a Mexican copper mine and was later assistant superintendent of the copper works at Raritan, N. J. For nine years after he was president of the copper works at Raritan, and was later assistant superintendent of the U. S. Metal Refining Co., of the American Society of Arts and Sciences. After graduation he worked in the drafting room, Bemis Hall, the Union of the Summer Camp," was named. The building, consisting of the drafting room, Dennis Hall, the dining room and the kitchens in one.

DEAN ALFRED E. BURTON
The Founder of Summer Camp

BLANKET TAX NOTICE.

At a meeting of the INSTITUTE COMMITTEE, held May 11, 1915, it was voted that every student be assessed the sum of three dollars ($3.00), to be known as a BLANKET TAX, and upon payment of which he is to be admitted free to all athletic contests, with the EXCEPTION of the HOCKEY GAMES.

This tax is DUE and PAYABLE AT ONCE, and may be paid either at the BURSAR'S OFFICE or to any of the various student collectors.

BLANKET TAX COMMITTEE.
CHAS. W. LOOMIS, Chairman
J. P. UHLINGER
D. B. WEBSTER

TWO TECHNOLOGY MEN ON NEW NAVAL BOARD

Institute Graduates on Advisory Board With Other Men of Science.

At the recent appointments to the Naval Advisory Board, W. J. T. '90, and Lawrence Addicks, M. I. T. '99, were elected to serve as associates with Thomas Edison, Orville Wright, Henry Ford, etc.

Mr. Whitney is the Director of the Research Laboratory of the General Electric Co. at Schenectady. He is a graduate of Course V of the Institute and also received a Ph.D. at Leipzig in 1896. For a time he was Associate Professor of Theoretical Chemistry at the Institute. He was President of the American Chemical Society in 1919 and of the American Electro-Chemical Society a year later. He is a member of the American Society of Testing Materials, the American Institute of Mining Engineers, of the Chemique de Paris, and of the American Society of Arts and Sciences.

Mr. Addicks is a metallurgical engineer and was recently made the President of the American Electro-Chemical Society. After graduation he worked in a Mexican copper mine and was later assistant superintendent of the copper works at Raritan, N. J. For nine years after he was chief engineer and then superintendent of the U. S. Metal Refining Co. He is a member of the American Society of Mechanical Engineering, the American Institute of Mining Engineers, American Society For Testing Materials, International Society For Testing Materials, and is an associate member of the American Institute of Electrical Engineers. At present he is with the Phelps-Dodge Co., conducting experiments on low grade copper ore at Douglas, Ariz.

T. C. A. SOCIAL FRIDAY

Among Speakers Will Be Dean Burton and Undergraduates.

The annual freshman reception given by the T. C. A. will be held next Friday evening in the Union. There will be an entertainment and refreshments will be served. Dean Burton and several prominent undergraduates will speak. These men will explain the various activities Those upperclassmen who are advisors will be on hand in order to meet their men.

INSTITUTE COMMITTEE

The first meeting of the year will be held Thursday afternoon at 5 o'clock in 8 Engineering C.
PROFESSOR WARE DIES DURING THE SUMMER

One Of The Pioneers Of American Architectural Education And Style.

The death of Professor William Ware, who planned and organized the first school of Architecture ever established in the United States—that of Technology, which opened in 1866—occurred during the summer.

Graduating from Harvard in 1852, he received a degree of bachelor of science in 1856, and was honored by the University with the degree of L.L.D. forty years later. He began his practice of architecture in Boston in 1866 and continued the work of his professorship until he was called to New York in 1881. Many houses in the portion of Boston which was built in those two decades show the refined quality of his design, and Harvard is indebted to him for its Memorial Hall. In 1862 he began the development of the Institute’s school of Architecture and continued in this work until 1881 when he was called to the chair of Architecture at Columbia where he again founded a school, at the head of which he remained until he retired as Professor Emeritus in 1902.

Many of the most distinguished architects in America were his pupils, and all have honored him. His interests were worldwide, and the architectural profession has recognized him by constituting him an honorary member of the Royal Institute of British Architects and a member of the National Academy of Arts and Sciences. In speaking of him Cass Gilbert, ’80, has said: “My memory of Professor Ware is of a loving, kindly friend, a safe guide, a wise counsellor and a most charming companion. It is not too much to say that in his long life and career he was one of the most potential factors for good in American architecture.”

WESLEYAN CONFERENCE

Chinese Students Of M. I. T.
Win Special Honors.

Chinese students from the Institute won first place in the track meet held Aug. 30th at Middletown, Connecticut. The event took place in connection with the 13th annual conference of the Chinese Students’ Alliance. The M. I. T. team won first place with 43 1/2 points. The University of Chicago was second with 39 points and Cornell third with 16. S. S. Rosen, ’18, of Technology, and W. C. Chang of Chicago were the individual stars, each scoring 27 points.

In a debate carried on in the Chinese language, the Cornell team defeated Technology. The proposition was: “Resolved, that China should use the Boxer fund for sending students abroad toward the development of higher education at home.” Cornell upheld the negative side. Y. T. Chan of M. I. T. won a silver cup and a gold medal in the individual awards.
FACULTY CHANGES AT TECHNOLOGY

Appointments And Promotions Announced For The Coming Year.

In consequence of the retirement of Professor Arlo Bates, for twenty-two years a member of the English department at Technology, Professor Henry G. Pearson will become the new head of the department of English. Professor Pearson graduated from Harvard in 1892, and has been teaching at the Institute since that time. He is the author of the "Principles of English Composition."

President Mclaurin announces the resignation of Assistant Professor Harold A. Everett, of the Department of Naval Architecture and Marine Engineering. Professor Everett graduated from the Institute in the class of 1895, and after a year or two of special work with several shipbuilding concerns, took up his work as instructor at Technology. Mr. Everett has developed a number of new methods and devices for yacht measurement, having suggested the use of ordinary surveying methods for the determination of the lines of vessels on the ways. Mr. Everett is leaving his present post to become professor of marine engineering in the post-graduate department of the United States Naval Academy at Annapolis.

In the department of Economics and Statistics, the establishment of the course in engineering administration has made necessary a further increase in the instructing staff. The new member is Mr. Irven R. Toddal, of Iowa. Mr. Toddal has made a study of economics under Professors Fisher and Stimson, of the University of Leipzig and also at the University of Berlin.

Other appointments made for the present year are the following:

- A. Langford Warren, lecturer on architectural history.
- George Owen, (M. J. T. '94), assistant professor of naval architecture.
- Royal M. Pye, A. B., instructor in physics.
- Elwin L. Snyder, Jr., assistant in industrial chemistry.
- Keris Burton, assistant in naval architecture.
- Thomas J. Huff, assistant in aeronautical engineering.
- George W. Simons, Jr., Howard C. Thomas and Andrew W. Williams, assistant in civil engineering.
- Horrain W. Brown, assistant in mechanical engineering.
- Rupert Elsbergen and Leon H. Webber, research assistants in electrical engineering.
- Miss Helen Almy and Miss Coneljie S. Love, catalogers in electrical engineering department.
- Charles G. Cook and Otto E. Pahl, instructors in modern languages.
- C. J. Spear, assistant in physical training.
- Graham E. Brown, instructor in police and fire administration.

NEW CLUB FORMED

Alumni In The Far East Form An Organization in Shanghai.

A new member has been enrolled on the list of Technology Clubs, The Technology Club of China. Monthly luncheons are held on the first Saturday of each month at the Carlot Cafe in Shanghai. The officers are: W. W. Stevens, '88, representing the Standard Oil Company of New York, president, and W. A. Adams, '98, China Realty Company, Ltd., treasurer.

TECHNOLOGY CLUB

On account of the removal of the Institute to Cambridge in the near future and the opportunity of disposing of the Newbury Street clubhouse at an excellent price, the Technology Club of Boston has decided to avail itself of the offer made by the Engineering Club of the use of its clubhouse. The Technology Club still has its charter of incorporation, its full complement of officers, and exists in every sense except that it has temporarily transferred its members to the house of the Engineers' Club, located at No. 2 Commonwealth avenue.

"BIBLES" AGAIN MAKE THEIR APPEARANCE

Freshman Advisors At Work In Rogers.—Call For English Instructors.

The Technology Christian Association began its official work for the year by assisting at the registration of students, particularly new men. The Tech "Bibles" were given to all students and copies of this handbook have been sent to all freshmen. This year's edition of twenty-one hundred copies has been published by the T. C. A. workers alone, unassisted by the Boston Y. M. C. A. workers.

The first call for volunteers for the T. C. A. workers has as its object the training of the Newbury Street clubhouse in itself of the organization a part of Cambridge factotum work in former years. The books this year of the most rudimentary nature, ob- language is required. The teaching is the purpose of this meeting was to outline the coming year's work and to assign to each committee its duties.

FACULTY NOTICE

Organic Chemistry II (352) — All persons intending to enter this course are requested to meet on Wednesday at four o'clock in Room 21 Walker. Hours for exercises during the term will then be selected.

S. P. MULLEN
ARROWROCK DAM NEAR COMPLETION

Highest Dam In The World Built Under The Charge Of Technology Man.

The Arrowrock dam near Boise, Idaho, of which Charles H. Paul, '96, Consulting Engineer, was in charge for the direct charge, is practically complete.

The Arrowrock Dam is 1100 feet long on top, contains 25,400 cubic yards of concrete, all of which is reinforced. All of the materials required for the construction of the dam were brought in by railroad, and this new line has been in operation four years in the timber about.

The excavation amounted to six billion feet of timber in the reservoir is 244,300 acre-feet, or about 76,000,000,000 gallons. This reservoir is 18 miles long and extends up two forks of the river. When needed for irrigation the water is carried down 12 miles in the channel of the river to a low diversion dam and from there taken out over the land through a network of canals and laterals.

The excavation amounted to 683,000 cubic yards, 1,350,000 pounds of reinforcing steel were used, and the gates and structural steel work required 800 tons.

WHEN IN NEED OF TRUST COMPANY SERVICE, CONSULT THE OLD COLONY

FRESHMEN TO MEET IN HUNTINGTON HALL

President Maclaurin To Address The Class—Plans For Field Day.

Today at one o'clock in Huntington Hall the first meeting of the Class of 1919 as a body will be addressed by President Richard C. Maclaurin. Following this the meeting will be turned over to Walter Harrington, '17, the Temporary Chairman of the freshmen class, who will explain the plans for government for entering classes as adopted and used for the first time with the 1918 class. The matter of the adoption of the uniform class constitution will be brought up.

Amendments will be made concerning the various Field Day teams and the time at which candidates can report for them as well as plans for the freshmen dinner.

A Rifle Club Notice

The first meeting of the Rifle Club will be held Thursday afternoon at 4 o'clock in 26 Rogers, for all men except freshmen. The following Wednesday a meeting of a fencing interest will be held immediately after drill in the armory.
FIELD DAY
HOW IT ORIGINATED AND WHAT IT IS.

(This is the first of a series of articles of particular interest to freshman and succeeding articles, which will appear in future issues, will contain brief histories and detailed explanations of the various prominent activities of the institute.)

The final cane rush between the freshmen and Sophomore classes occurred on November 15, 1909. The rush was much the same as in former years, the freshmen being given possession of the cane, while the second year men attacked their formation with flying wedges. The scrimmage lasted for fifteen minutes and, as usual, theatical shout to cease the struggle was a signal for the fierce fight. When the combatants were cleared away it was found that the riot men had won the rush with nineteen hands on the cane, while the freshmen only had eleven. At the bottom of the pile was the unconscious body of Hugh Chadbuck Moore, '94.

In a closed meeting held a few days previous to the Rush, Moore spoke briefly to his classmates, advising them not to stop the struggle when the pistol was fired as a signal to end the rush. Following his own advice, he wrapped himself bodily around the high point of the cane at the moment the shot was fired. The struggle at this point immediately became more enthusiastic. New men joined the struggle, lacerating the mass of bodies around the upper-classmen had succeeded in separating the mass of bodies around the upper-classmen, and the struggle continued. He was charged unconscious and efforts were made to revive him but unsuccessful.

Another freshman, Horold W. Sherill, had to be carried from the field, suffering from a hemorrhage of both eyes and enlargement of the heart. His accidents were due to the strain suffered during the Rush caused by prolonged holding of the breath and the external pressure of the crowd. He was standing beside Moore on the bottom of the pile when the shot was fired, and he fell on his back as Moore fell. He was confined to a dark room for five days.

The first Field Day was held at the Engineers' Club on Tuesday, November 19, 1909, at Charles River Park. The Class of 1906, then freshmen, won the relay race by capturing the relay race and football game. Out of the twelve succeeding Field Days this race has always fallen to the Second Year men.

To stimulate rivalry a silver championship cup, now kept in the trophy case in the Union, was offered by an alumni, Samuel Cabot. On it are a Technology seal and fifty panels, one of which is filled each year with the numerals of the winning Field Day team. An inscription around the base of the cup reads; "He Who Shuns the Duties and Heat of the Arena Shall Not Enjoy the Cool Shade of the Olive Branch of Victory."

The eleven members and six substitutes of each football team, the twelve members and two substitutes of the winning relay team, and the twenty-five members and two substitutes of the winning tug-of-war team all receive the right to wear their class numerals. In case of a tie in the football game or relay race the points are equally divided between the two teams. A tie in the tug-of-war is decided by an extra pull. Members of a class not winning either the freshman or Sophomore Field Days are not allowed to smoke a class pipe until their Junior year.

Field Day, where practices for the relay teams and Field Day, itself, are held, may be reached from Huntington by going west on Boylston to Massachusetts avenue, turning to the right and following this street across the Harvard bridge. The new Technology buildings will be seen from the bridge and the field lies directly east of these. The places of practice for the football and tug-of-war team will be announced in Huntington Hall today at 1 o'clock at the meeting of the Club.

The first meeting this year of the Advisory Council on Athletics will be held at the Engineers' Club on Tuesday, September 28, at seven forty-five p.m.

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L. PINKOS - COLLEGE TAILOR

A meeting of the editors and executive committee of the Cosmopolitan Club will be held at the Engineers' Club on Tuesday, September 28, at seven forty-five p.m.

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THE TECH, BOSTON, MASS., MONDAY, SEPTEMBER 27, 1915
Page 5
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SUMMER CAMP
(Continued from Page One)

The sports were in charge of D. E. Bell, '17.
The Camp day lasted from 6:30 to 8:00 with classes Tuesday and Fri-
day evenings. Saturday afternoons were free. The bugle gave the stu-
dents their meal calls at 7:00, 12:00 and 6:00 o'clock. Howard Collins had
charge of the food department and his accounts show that a barrel of
sugar lasted one week, 250 eggs were used for one breakfast, and 140 quarts
of milk were consumed daily. The company brought 630 extra pounds of
vegetables, both in respect to the meat and potatoes, and 140 pounds of
corn. An adequate library is provided and a store contains the candy and tobacco
needed. The tents are roomy and comfortable, each being occupied by
two men with two beds, a table, two chairs and clothing line for equipment.

Professor A. G. Robbins was in
charge of the curriculum this sum-
mer. Professor G. E. Russell took
care of finances and Dean Hurton had
charge of the discipline. This was
the last year's last as Dean of the Summer Camp. While acting in
this capacity he introduced numerous im-
provements, both in respect to the
camp itself and, more particularly, in
the student life. The government of
the school was, through his efforts,


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OPPOSITE THOMPSON'S SPA
SUMMER CAMP
(Continued from Page One)

chain, and the new caretaker’s house, built last fall, cost over $12,000. They are situated on a high bluff overlooking both wood and water, and to the south, some fifty yards, are the 55 tents in three rows forming the “Wide City.” Every convenience is given to the students. The dressing room is furnished as well as any room in the house. A, the dining room is as commodious as the Union and the members of the Faculty this year presented the camp with an upright piano. An adequate library is provided and a store contains the candy and tobacco demanded. The tents are roomy and comfortable, each being occupied by two men with two bunks, a table, two chairs and clotheslines for equipment. Professor A. G. Robbins was in charge of the curriculum this summer. Professor G. E. Russell took care of finances and Dean Burton had charge of the discipline. This was the latter’s last year as Dean of the Summer Camp. While acting in this capacity he introduced numerous improvements, both in respect to the camp itself and, more particularly, in the student life. The government of the school was, through his efforts, entrusted to the hands of the men themselves. Various committees were elected and matters have run smoothly for some years as a result. The chairman of the council was C. E. Atkinson, ‘17, and the committees with the chairmen were: House Committee, P. S. County, ‘17; Dining Committee, L. Cady, ‘17; Entertainment Committee, B. F. Eddy, Jr., ‘17. The sports were in charge of D. E. Bell, ‘17.

The Camp day lasted from 6.30 to 5.30 with classes Tuesday and Friday evenings. Saturday afternoons were free. The flag gave the students their meals at 7.00, 12.00 and 5.30 o’clock. Steward Colton had charge of the food department and his accounts show that a barrel of sugar lasted one week, 250 eggs were used for one breakfast, and 140 quarts of milk were consumed daily. The company brought 630 extra pounds of fresh fish back to Boston, the gain in weight per man being 7 pounds.

The work was done by sections of six students. In former years a theoretical railroad has been constructed from a branch of the Washington county railroad through the village of East Machias, but owing to the inability of the farmers to gather the hay crop early enough, the line this summer was run through the thickest part of the woods in back of the Camp. This gave the students some real work to do and chopping trees in the forest for a line with the train provided plenty of out-of-door exercise.

ATHLETICS AT SUMMER CAMP.
Athletics received a large share of attention when the weather permitted. Baseball was greatly handicapped on account of much rain, but the season was by no means unsuccessful. A league was formed consisting of four teams from which a Camp team was selected. The latter met and defeated the Machias team in the tune of 2 to 1, but on the whole the league games proved

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