

PRESIDENT WILL ADVISE FRESHMEN AT MASS MEETING

Will Assist Entering Class to Adjust Itself to Life at Institute

ALL FRESHMEN TO ATTEND

Student-Faculty Relations and Student Government to be Explained

President Stratton will address the freshman class in Room 10-250 at eleven o'clock Thursday. It is very important that every freshman attend this meeting. It has been the custom in the past for the President to address the freshman class each year, and to speak on subjects intended to help the freshmen to become adjusted to the life at Technology.

It is expected that President Stratton will speak on the relations between the students and the faculty, and endeavor to bring about better co-operation on the part of the students. The functions of the Dean will probably be explained, so that the students may feel more at ease about consulting him on any matters which they do not understand.

Will Advise on Courses

The system of student government at the Institute will also be explained, as many of the entering class do not yet understand what student government really is.

The President may also give some advice to 1932 about their choice of courses. This is a subject which every freshman will appreciate, as many have not yet decided upon the course they expect to follow.

All freshmen are expected to be present, as the address will be primarily of benefit to them, and should make their first term at Technology much more pleasant.

TUG-OF-WAR TEAMS START ROPE HAULING

Seven Sturdy Sophs Show Life and Appear for Action

With Field Day just two weeks off thirty freshmen and seven sophomores showed up for practice last Friday afternoon, the freshmen practicing at the rifle range while the Sophomores are working out behind the track house.

Sophomore coach Trahey would like to see about thirty more men out while Coach Latham of the frosh says that any frosh heavy weights still have a good chance to make the team because at present the yearlings only average about one hundred and forty five pounds.

Any man who makes the team will have an easy way to make his class numerals because there will be only about nine practice sessions before Field Day, and even if the team does not win the freshmen get grey jerseys and the Sophs are given red ones.

Each team is composed of twenty-nine men, twenty five regulars, two substitutes, a counter and a manager. The substitutes are given numerals if they are on the winning team regardless of whether they participate or not.

Football Games Heard Saturdays in Walker

Eddie Pung is still "broadcasting" the big football games to all who wish to listen in the basement of Walker every Saturday afternoon. This service, which has met with a great deal of favor in the past, will be appreciated especially by the Dormitory men who have no radios and nothing to do on Saturday afternoon. All who wish to listen are invited, as Eddie assures them that his speaker can be heard by as many as can get into the basement.

A large number of men listened to the radio report of the Harvard-Army game last Saturday.

PLAN DEDICATION OF HOMBERG INFIRMARY

Arrangements for the dedication of the Homberg Infirmary on Nov. 13, are under the direction of Harry J. Carlson, '92. He is assisted by a committee composed of: Dr. George W. Morse, head of the department of hygiene; Colonel Charles E. Locke, '96, George L. Gilmore, '90, and Dr. Allan W. Rowe, '01.

Exercises will be held in Room 10-250, but as yet the complete program has not been formulated. It is the plan of the committee in charge of the affair to secure a speaker of national repute for the occasion. Invitations are now being prepared and will be issued shortly. This phase of the work being in charge of Bursar Horace S. Ford.

A. I. E. E. MEETING IS WELL ATTENDED

Opportunities Open to Graduates Outlined by Doherty— Pictures Shown

Mr. R. E. Doherty, Consulting Engineer for the General Electric Company, gave the address at the opening meeting of the M. I. T. Student Branch of the American Institute of Electrical Engineers held in Walker last Friday evening.

Chicken supper was served to all members and guests before the meeting. All new men in the Electrical Engineering courses were invited as guests and the large number present indicated that the entering class of embryo Electrical Engineers is already interested seriously in its profession.

Several reels of moving pictures showing some of the lines of manufacture and research in which the General Electric Company is engaged preceded the address. Pictures were shown of the pouring of the casting of a 60,000 horse-power turbine. The manufacture of huge porcelain insulators and armored cables, and the operation of a new oxy-hydrogen torch or cutting 15 inch steel plate were later successively depicted on the screen.

Policy Insures Advancement

Mr. Doherty began his talk by saying that since the pictures had shown how materials were handled he intended to tell how men were handled in the General Electric Company. He launched at once into a refutation of the general opinion of college graduates that entering the employment of a large corporation endangers their advancement. He said that the policy of the General Electric Company was to keep their men from getting into ruts and to give them all the advancement that their ability merited, for the future of the company depends on the success of its employees.

He outlined the plan that the new men follow when they enter the company. They are moved through the various departments where they gain knowledge and experience. During this time they are watched closely and (Continued on Page Four)

T. C. A. CABINET WILL DISCUSS DRIVE PLANS

There will be a regular monthly meeting of the T. C. A. Cabinet in the basement of Walker tomorrow at 5 o'clock. The main subject of the meeting will be discussion of the plans for the annual T. C. A. Drive which will be held from November 5 to 9. Reports will be given by each division manager upon the work that his division has been covering. All members of the T. C. A. Cabinet are requested to be present.

DR. STRATTON GUEST AT EDISON DINNER

Samuel W. Stratton, president of the Institute, was a guest at a dinner given in honor of Thomas A. Edison Saturday evening at the Essex County Country Club, Orange, New Jersey. Andrew W. Mellon, Secretary of the Treasury, presented the guest of honor the Congressional medal in recognition of his scientific services to the country. The dinner was given to Mr. Edison by his children. At present he is staying at Lewellyn, Park in West Orange.

TECHNOLOGY WINS CROSS COUNTRY MEET—THORSEN '30 LEADS BY 300 YARDS

Junior Prom and Tech Show to be Held at Statler

Two Major Social Events of the Year Will Take Place on February 21

Both the Tech Show and Junior Prom, the two largest social functions of the school year, will be held in the main ballroom of the Hotel Statler on February 21.

The fact that the two are being given at the same place this year should be of particular interest to the socially-minded student body, as a considerable saving of time and other factors will be affected by this arrangement. Those who negotiated the distance between Jordan Hall and the Copley-Plaza last year will readily appreciate this.

Coming as they do at a time of the year when there are few other extracurricular attractions, it is expected that the attendance at these affairs this year will be far in excess of that of previous years. Events in connection with the Junior Prom are still in a nebulous condition since the new Prom committee is still in the process of formation. The show will have a set program as in previous years, the details of which will be given out at the Smoker next Thursday. As planned, it will take up the first two hours of the evening's activities.

Progress Is Made On New Auto Lab

To Harmonize With Surrounding Buildings; Will Aid in New Research

For several weeks work has been under way on the internal combustion laboratory which is being constructed directly in back of the Guggenheim Aeronautical Laboratory. It is to be a one-story building, of yellow brick to conform to the buildings immediately surrounding it.

When the building is completed, it will occupy a plot 80 feet by 150 feet. The floor of heavily reinforced concrete will rest on a foundation of 47 concrete pillars each of which extends down 20 or 25 feet to bed rock. Twenty-five of these pillars have already been poured, and work is progressing rapidly.

This new building is being erected at an estimated cost to the Institute of \$100,000. It will greatly increase the Institute's facilities for research on the internal combustion engine. Much work has been done on this line at the Institute, but lack of space has made progress difficult. However, it is expected that the new laboratory will provide ample room for the projected work, and allow much more such research than has been possible in the past.

Junior Prom Election to be Held Wednesday

Elections for the Junior Prom Committee will be held in the Main Lobby on Wednesday from 8:30 to 5:30 o'clock. Twenty eight men are nominated from which the committee of five are to be chosen. The preferential system of voting is to be used: that is, the person voting is to signify which man is his first choice, which is his second choice, and so on. The Committee consists of the five elected members and the president of the Junior class who is ex-officio chairman. Ralph B. Atkinson '29, chairman of the Elections Committee, has requested that every member of the Junior Class cast a vote in order that the best possible committee may be elected.

Noon is Deadline for Frosh Sport Signups

High noon is the deadline for the freshmen to sign up for a sport in place of the much dreaded "monkey drill." McCarthy is a hard hearted man, as upperclassmen have found from previous experience; therefore it behoves those freshmen who do not want to take setting-ups to sign on the dotted line before the deadline, as the famous Irishman will listen to none after said hour.

REPUBLICAN CLUB MEETS THURSDAY

Will Take Part in Torchlight Parade for Hoover in Boston Rally

Mr. John N. Decrow, Executive Secretary for the Hoover and Curtis Torchlight Parade, has extended an invitation to the M. I. T. Republican Club to participate in the demonstration on Friday evening, November 2. There will be a division for all the colleges and universities around Boston and also one from the Engineers Club of Boston. The M. I. T. delegation is to be given the privilege of choosing the division in which it prefers to march. A vote will be taken among those who intend to march to see which position the majority would prefer.

To arouse interest among the students of Technology who are not actively interested in the M. I. T. Republican Club, the club will hold its first open meeting on Thursday, October 25, in Room 10-250 at 4 o'clock. An interesting program has been provided and a large turnout is expected. Four reels of film about Hoover have been secured which should help to create enthusiasm among the club members as well as the non-members.

FRESHMAN FOOTBALL TEAM GETS COACHES

Three Men Come Out to Give Help and Encouragement to the Team

Prayers of the men of the freshman football team for a coach have at last been answered. In fact they have been answered threefold, for just during the last few days, three capable men have been out with the team giving it valuable and much needed assistance.

John Scheuren '30, is one of these men. He has had considerable experience in the game at preparatory school, and has been helping the team for the most part with the line. Mr. F. E. Baily, an instructor in the Department of English and History, is another who has been out coaching the team. He has been concerned chiefly with giving help and advice to the backs. Donald Caldwell '30 a transfer from the University of Louisiana, is the other who has answered the repeated cries of the freshmen for a coach. He has also been assisting in the building up of the backs.

About thirty men are out for the team and they have been working hard, but until the recent encouraging move on the part of these three men, they have been practicing with the severe handicap of being without a coach. They made a very good showing against St. Anselms, a while ago, however, and last Friday although they were quite decisively beaten by the Tufts freshmen, they gained by the experience, and hope now, with the able assistance of three coaches, to shape themselves into a powerful team.

FRESHMEN BEATEN BY THE CRUSADERS AT FRANKLIN PARK

McNiff '31 Surprises Onlookers by Winning Third Place in Contest

FRESHMAN RACE IS CLOSE

In their first performance of the season the M. I. T. Varsity cross-country team won from Holy Cross at Franklin Park, last Friday, by a score of 25 to 30. Coach Hedlund was very well satisfied with the result of the race, which confirmed his opinion that this year's team is due for a successful season. The freshmen also did some excellent running although they lost by a score of 22 to 33.

Leon Thorsen made himself the hero of the day by running a leading race almost from the start, and winning by a margin of more than 300 yards. He ran with the Varsity squad last season and also ran the two-mile race in the Spring track meets. The winning time in Friday's race was 30:19 2-5, which was very good for the first race of the year. (Continued on Page Three)

Freshman Campers Will Meet Again

Many Interesting Events Are Planned for Third Reunion

Letters have been sent out to the men who attended this year's Freshman Camp, inviting them to the third Annual Camp Reunion. This meeting which is under the auspices of the T. C. A., will be held in the Faculty Dining Room on Wednesday at 6 o'clock.

Supper will be served shortly after 6 o'clock after which there will be a reshewing of the Camp moving pictures. A slight charge will be made for the supper. It is expected that the Musical Clubs will give some sort of a musical specialty act.

Several good, short, and snappy speeches will be made during the course of the evening. The object of the meeting is to enable the men to meet each other again, and also to find out what more can be done towards making and developing a better Technology. It is hoped that these reunions will assist in creating a more united spirit and to make the men more interested in their Institute.

It is requested that the men fill out the cards that they received with the letters as soon as possible and drop them in one of the Institute Mail boxes. In order to accommodate everyone it will be necessary to have all reservations in before 5 o'clock Tuesday afternoon.

Richard N. Chindblom '30 Stage Manager of Tech Show, is Chairman and toastmaster of the reunion. Everyone who attended the Freshman Camp is cordially invited to attend the reunion.

CALENDAR

- Monday, Oct. 22**
12:00—Deadline for Freshman Sports Sign-ups, Room 33-5, Walker.
5:00—Meeting Camera Club, Room 3-270.
- Tuesday, Oct. 23**
5:00—T.C.A. Cabinet Meeting, Basement, Walker.
- Wednesday, Oct. 24**
5:00—Mathematics Club meeting, Room 4-321.
6:00—Annual Freshman Camp Reunion, Faculty Dining Room.
- Thursday, Oct. 25**
11:00—President Stratton's Address, Room 10-250.
4:00—Republican Club Meeting, Room 10-250.
8:00—Tech Show Smoker, North Hall, Walker.

A Record of Continuous News Service for 47 years.



Official News Organ of the Undergraduates of M. I. T.

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Printer's Telephone—HAXcock 5030-1-2
SUBSCRIPTION PRICE, \$2.50 PER YR.
 Published every Monday, Wednesday and Friday during the College year except during college vacations Entered as Second Class Matter at the Boston Post Office Member Eastern Intercollegiate Newspaper Association

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WE ILLEGITIMATES

"Engineering has had for a long time the position among the professions of an illegitimate child; it was born without honors and none have been thrust upon it. The engineer has felt the stigma, and has tried to remove it. Like other victims of the inferiority complex, his efforts appear as a form of superiority. He doesn't try to justify himself, he praises himself and believes the other professions suffering in the lack of his virtues."

NICE phrases to be addressed to us who are studying engineering with full intentions of making this profession our life work! Were they written simply by one who sees us from the outside, they might contain at least a narrow sort of truth, but coming as they do from the pen of an anonymous engineer to the "New Student", there must be a great deal of experience and thought behind them.

Unfortunately we of Technology are entirely sufficient unto ourselves. We have no students of purely liberal courses with whom to mingle; our cultural studies amount to very little; we scoff at those elsewhere who gain a general education with only a fraction of the effort technical problems require. Upon what basis do we scoff? Upon only a total lack of information of what exists on the other side of the fence. Far from understanding ourselves, we are grossly ignorant of the ideals of the rest of the student world. Are we not guilty in our own juvenile way of exactly the sin laid at the door of the older engineers?

Here in undergraduate life there is not one of us who has not formed his ideal of a successful post-scholastic life. If hearsay make be taken as fact, not one of us will venture far into professional engineering without losing in its entirety that ideal—whether through discouragement or through the substitution of a more practical, experienced outlook upon engineering life. Do we labor in college under an entirely false atmosphere? Do our instructors keep us totally in the dark as to what the professional is like, or are they themselves ignorant of it all?

"My own experience in engineering has helped to convince me not only that the ideals of which I have talked, were illusions, but that all the ideas and ideals I had got on my own hook in college were shady. . . . I don't know whether idealism inevitably results in incompetence; my idealism made me more incompetent than otherwise. . . . I lost my ideals by being competent."

That engineers are a boon to humanity through their service to mankind and their immensely invaluable "cold straightforward thinking" is hardly doubted by anyone here—be he professor or merest novice. Yet the writer states that here is the greatest error of them all: that an engineer in doing his job gives not a particle of consideration to the human element concerned, but caters solely to the business of it all—to the satisfaction of building a greater bridge than ever before; to the joy that comes from "pleasing the people they directly serve, the financiers."

It is needless to say that such pecuniary, self-satisfying ideals may get the bridges built, but not a step do they take toward humanizing the engineer, toward making his work aught but that of a bastard profession. But what is the remedy? Have we in our new Humanities course a complete panacea? That is hardly possible, though it may go far in the Institute's sincere attempt to humanize its finished product. Should all technical students have as a prerequisite to enrolment at least two years of a liberal college influence. We are firmly convinced that with the present four-year pressure system of technical study, this alone can give even a fair share of the breadth of viewpoint necessary. The writer's thoughts are well worth considering:

"The way I see for putting real values into engineering is to make all the philosophers into engineers, and the engineers philosophers, so that the philosophers would be obliged to put theory into practice, and the engineers would be obliged to consider questions that are never asked in doing their job."

Away from the Grind

Chi Phi

Dick Edwards furnished the music at a dance given by Chi Phi on Saturday, October 20. About seventy-five people attended the affair.

Phi Kappa Sigma

In celebration of the seventy-eighth anniversary of the founding of Phi Kappa Sigma, the local chapter held a banquet last Friday evening. About fifty active men and alumni were at the affair, and enjoyed the banquet and program which followed.

Professor J. W. Barker, '16, chapter visitor for the fraternity, was toast-master. He presented Acting Dean Harold E. Lobdell, '17, and Rev. A. E. Diefenbach, both of whom gave short talks. They stressed, in the advice they gave to the incoming freshmen, the importance of availing themselves of all the many opportunities offered them in their years at Technology.

This Founders Day Banquet has become an institution at the chapter, and furnishes a worth-while contact between the active men and the alumni. This year's affair was managed by Edmund G. Blake, '30.

Phi Sigma Kappa

Phi Sigma Kappa entertained with a dance last Saturday evening, with Tige Jewett and his orchestra furnishing the music. About one hundred and fifty attended the dance.

Sigma Alpha Mu

Sigma Alpha Mu is back at the Institute again after a week's en-

Play Directory

Stage

COPLEY: "The Bellamy Trial." Five guesses as to who done it.
COLONIAL: "Americana." It's fun to be made fun of.
HOLLIS: "The Bachelor Father." The return of the illegitimates.
MAJESTIC: "The Silent House." The yellow peril fingers on.
PLYMOUTH: "Paris Bound." If you're thinking of getting married.
S. HUBERT: "The Queen's Taste." Guaranteed cure for insomnia.
WILBUR: "Take the Air." Kitty O'Connor can sing.
REPERTORY: "S. S. Incorporated." Modern and well done.
TREMONT: "By Request." By and with the Nugents. Said to be extremely funny.
ST. JAMES: "Excess Baggage." Did you see the movie?

Screen

LOEW'S STATE: "The Battle of the Sexes." With hot-stuff Hayer.
METROPOLITAN: "The Docks of New York." Reviewed in this issue.
OLYMPIA and PENWAY: "The Singing Fool." Al Jolson is great.
MODERN and BEACON: "The Man Who Laughs." Conrad Veidt proves he is not one of the four out of five.

As We See the Movies

George Bancroft returns to the Met this week in a film fully as good as were his "Underworld" and "The Drag Net." "The Docks of New York" was written by John Monk Saunders, author of "Wings", and is directed by Joseph Von Sternberg, who leaped to fame with Bancroft in the latter's first success. An excellent cast supports the lead, notably Betty Compson, Baclanova, Clyde Cook, and Mitchell Lewis.

As Bill Roberts, who has never done a decent thing in his life, and never expects to, Bancroft is one of the toughest stokers who ever hit New York back in the days before oil-burners made fire-tending lady's play. He nonchalantly pulls Betty, a would-be suicide, from the harbor waters, breaks in a pawn shop to pro-

vide her with evening dress, and then marries her—all in his one night of shore leave. She is apparently cured of her dislike for the world; but Roberts can by no means become decent in a single day, so he places a few bills by the bedside and leaves his bride for the stoke hole once again.

A nice mess to be straightened out before the picture ends, but Saunders has done it extremely well. Bancroft is superb as a hard-boiled stoker; his bar-wrecking in his own quiet way is a scream, and we have never seen a fairer maiden won in quite the same way. Betty Compson surely dresses the part, and is fully capable of playing up to Bancroft's supremely fine characterization. The photography is far above the average, giving some remarkable scenes of the fog-wrapped harbor docks, stoke holes, and a water-front cafe.

Gene's stage presentation once again runs true to type—the band, a chorus, a pair of steppers, and the usual comedy. We sincerely hope that something new will be forthcoming before long.

It is with pleasure that THE TECH announces its new weekly Rotogravure Section, which made its first appearance on Friday. This does not supersede, but supplements the Rotogravure of local pictures, which we will print from time to time as the occasion warrants.

There is no extra charge for this weekly supplement and the present charge of five cents a copy or \$2.50 a year is still in effect.

We are anxious to have your comments and suggestions on the new supplement and they may be addressed to the Features Editor of THE TECH.

The next Rotogravure Section will appear in the issue of Wednesday, October 24th, and will be a feature of all following Wednesday issues.

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VARSITY HILL-AND-DALERS DEFEAT HOLY CROSS

Soccer Team Drops Hard Fought Game To Dartmouth at Hanover

Thorsen and McNiff Shine for Engineers Varsity in 25-30 Win

(Continued from page one)
The weather was warm and sultry, very bad for cross-country running.

McNiff Finishes Third
Next to the fine running of Thorsen the most noteworthy exhibition was the thrilling finish by Johnny McNiff of last year's freshman team. He furnished the big surprise of the afternoon by out-running his more experienced team-mates and winning third place. He and Captain Worthen were trailing Brennan and Kiely of Holy Cross until about 100 yards from the finish line when both of them gave all they had in an effort to pass. McNiff showed that he had just a bit more strength left than Worthen, and sprinted past Kiely to cross the tape in third place.

Brennan won second place for Holy Cross, and Kiely took fifth. These two were closely followed by Captain Worthen and DeFazio of M. I. T. Casson of Holy Cross finished in seventh place, and Madden, who was the first Holy Cross runner to finish against Harvard the week before, was in eighth place. The others who finished were Captain Beane of Holy Cross, Berry, Gatzemaier of Holy Cross, Baltzer, Allbright, Blackwood, Monahan of Holy Cross, and Herbert, in the order named.

Few M. I. T. Rooters Present
This race was run over the usual five-mile course which is over uneven ground. It was a thrilling race to watch and it is a deplorable fact that it was impossible for more Technology students to witness and enjoy it.

Even closer and more thrilling than the first race was the freshman event on the three-mile course. Ginter,

who won for Holy Cross, finished less than twenty yards ahead of Captain Gilman of the M. I. T. freshmen. The Technology runners led the field for the first two miles but lack of sufficient training and experience had its effect and the Holy Cross men began to push ahead. Although Gilman won second place, he was followed by three Holy Cross men, O'Connell, Adams, (Continued on Page four)

Frosh Gridsters Lose to Jumbos

Heavier and Faster Brown and Blue Team Scores at Will—Score 31-0

Tufts yearlings eleven had little difficulty in defeating the Engineers 31 to 0 in a one sided game played at Tufts last Friday afternoon. The Jumbos possessed a much heavier and faster team than the Cardinal and Gray, and had little trouble in breaking through the Technology line.

During the first quarter both teams showed real fighting spirit, and neither team was able to score. Beginning with the second period, however, the Tufts steam roller broke through the weak yearlings line almost at will piling up 12 points. Not satisfied with this the Jumbos scored two more touchdowns in the third period.

Tackling is Poor
Neither team showed much ability in blocking or tackling. The Technology ends were the only men who were successful in stopping the rushes of the Brown and Blue.

However the coaches have discovered some idea of the weak points of the team and they are going to do their best to eliminate these before the game with B. U. next Saturday. Captain Paul played a good running game, but he lacked the interference that is necessary for any open field runner. If the yearlings can work up an interference around Paul they should be able to produce a good scoring machine.

M. I. T.	Tufts
Nitkin, Vassalotti	L. E. Ford, Donald
Wilson	L. T. Stafford
Harper, Speir	L. G. Christianson
Irwin, Newcombe	C. Knappman, Childs
Barr	R. T. Nelson, Greas
Briggs, Sears	R. T. O'Brien, Peck
Abbe, Pratt	R. E. Hine, Knowles
Paul (Capt.)	Q. B. Kennedy, Betts
Zampell, Worcester	L. J. B. Marchand
Malkinson	R. H. B. Verge
Powder	F. B. Hatch, White

WRESTLING MEETING HELD AT HANGAR GYM

More Candidates Are Urged to Came Out for Practice

A mass meeting for all men interested in wrestling was held in the Hangar Gym last Friday. There were several talks given, most of which were on the present outlook concerning the wrestling team.

The prospects for this year are fairly good, the Varsity having lost only two of last year's men, Captain Gentile and Cullen. There are several prospects from last year's freshman team, among whom are Bosinger, Stahl, Chibas, and Elbaum. Last year's Varsity was rather unfortunate in that they had to forfeit the unlimited class in several of their meets due to lack of material. However this year the team expects to have men in every class, hoping to have Kropf in the unlimited bout.

Practice will begin today at 4 o'clock. New candidates are needed for practically all classes, the team being especially weak in the heavier weights.

Previous experience although helpful is not necessary as most of the wrestlers on teams of the past have been developed here at the Institute.

The complete schedule has not been made up as yet. However the practice meets will begin in the early part of December. Some of the opponents on the year's schedule are as follows:

- Syracuse Away
- Yale Away
- Brown Away
- Tufts At home
- Brooklyn Poly. Away

Yearlings Prove Strong on Track In Handicap Meet

First Handicap of Track Season Shows Promising Results for Freshmen

In the first of an annual series of handicap track meets held on Tech Field, Saturday afternoon, the freshmen carried off a goodly share of the honors and gave the dopsters who have been predicting a walkaway for the Soph relay team on Field Day something to think about. Through lack of experience they failed to make much of a showing in the field events, but they made this up by their performance on the track. The yearlings undoubtedly proved themselves the worthiest opponents the Sophomores have had in years.

In the fast time of 8 seconds flat, Wayne of the freshman class won the 60-yard sprint leaving the Sophomores to gaze and wonder. A freshman victory here certainly proved that Field Day was not "in the bag." Among the other freshmen that placed was Lynch, with third, Broeder, '32 placed second with Colman and O'Sullivan in fourth and fifth places respectively.

In the 300 yard run the men were handicapped, Wayne and Broeder drawing the lowest marks, and both came in fifth in the two races that were held. The winners of the two races were Gonzales and Lynch. (Continued on Page four)

Dartmouth Soccer Team Easily Overwhelms The Engineers in Fast Game

Cardinal and Gray's Offense is Unable to Break Through Green Defense

Dartmouth easily defeated the Engineer soccer team 3 to 1 in a fast game at Hanover, Saturday. The Green team outplayed the Cardinal and Gray from start to finish; although the Engineers played much better in the second half than in the first. All of the scores came in the first half, one being scored in the first period and the others in the second.

With their well organized defense, the Hanover team seemed to have little trouble in penetrating the Cardinal and Gray line. Their first goal came easily in the first period, and they maintained the lead throughout the entire half scoring two more goals. The Engineers fought vainly, scoring one goal and holding the Dartmouth team scoreless in the second half, but they could not get through the stubborn defense to even up the score.

Fahey Scores Only M. I. T. Goal
Baroudi and Fahey were responsible for the only goal scored by the Engineers. It came during the second period and was the result of a corner kick by Baroudi. He shot the ball to Fahey who succeeded in getting

the ball past the ever watchful eyes of the Dartmouth goalie. Dartmouth's first goal came as a result of a penalty kick and Wyman could not stop the ball from going through.

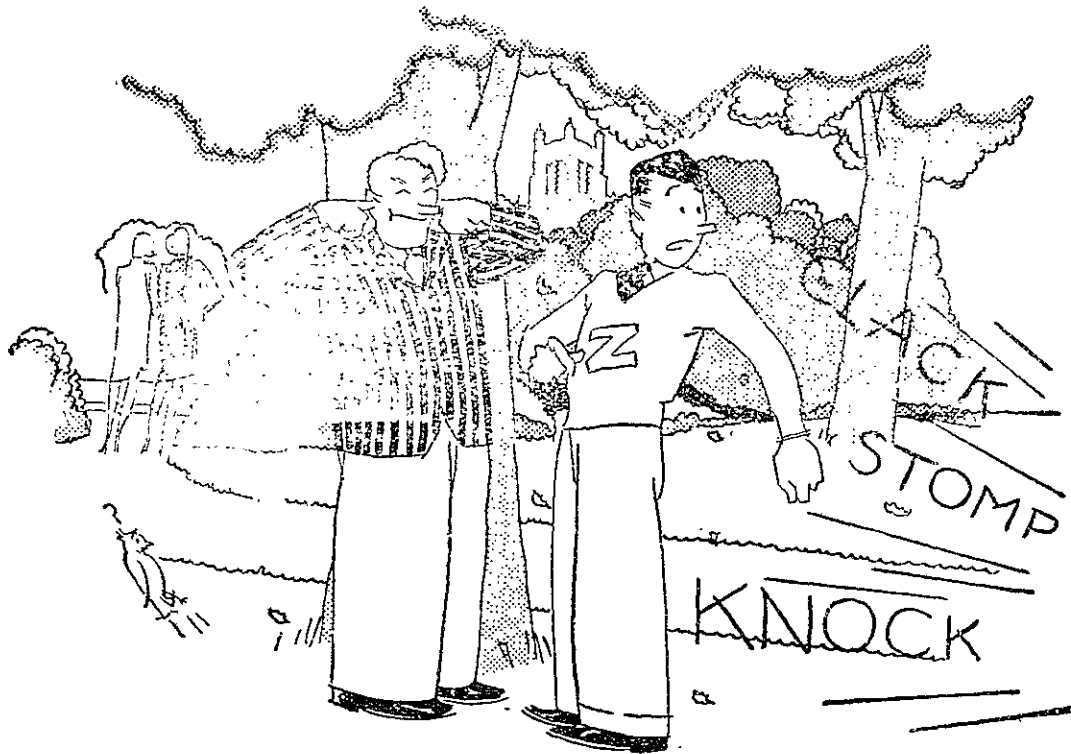
Kim again played a good game, but he was not up to the form that he displayed in the Northeastern contest. As a whole the Engineer defense played well, but they did not have the support of the forwards; and consequently they were constantly being pressed. Hawkins and Richl fought hard, but the Dartmouth forwards were able to sneak by them enough times to put two goals across.

Forward Line Unorganized

Good passing was a thing that the Engineer forwards apparently never heard of as they were completely disorganized and did not seem able to get going. There was no sign of the cooperation that was so evident in the Northeastern game. Baroudi played a good game, but he received practically no support from the inside men. With this lack of passing it was almost impossible for the Engineers to even threaten the Dartmouth goal. In the second period, the team played better, but they could not get through to score.

Dartmouth had a very smooth running team whose passing was very good. They did not look like the (Continued on Page four)

NO FOOLIN'



WISE: "What's this I hear about Goofus?"
CRACKER: "His HARD HEELS, prob'ly."

Walking, which always ought to be a pleasure, is a serious matter when it's done on old-fashioned hard heels.

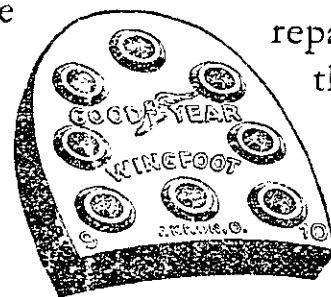
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Course I Geology Class Sees M. D. C. Water Tunnel Project Near Worcester

Spend Day at Construction Camp; Plan to Augment Boston Water Supply

Reconstructing an eons-old glacial lake that Boston may have a water supply consistent with its ever increasing demand is the immense project now being carried on by the Metropolitan District Commission. A twenty-six mile tunnel for carrying water from this old lake bed to the existing Wachusett Reservoir is one of the main features of the work. Over this week-end, two trips to this tunnel were made by the civil engineers in Professor F. K. Morris' class in engineering geology.

As is usual in the case of such an important project, an expert geologist is in charge of the plans for underground work. Mr. N. W. Fahlquist, a graduate of Brown University, is the man who performs this function, and the morning was spent by the visitors in his office. Plans of the topography, both under and above the ground, were studied, and the geologist pointed out some of the great difficulties which must be overcome in putting the tunnel through the bed rock. Since the surface of the ground gives little indication of what structures lie beneath, hundreds of test borings must be made, earth samples taken, and from these results, the underground conditions determined. Even then, it was pointed out, conclusions drawn are very likely to be erroneous, and too much care cannot be taken.

Party Visits Mine

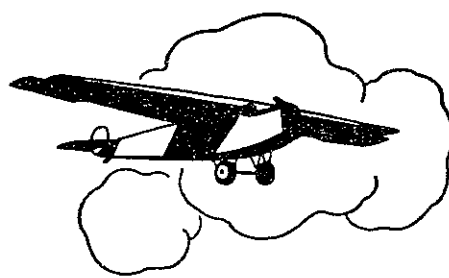
The outline of the work to be done was made. Before the spring freshets of 1931, the contract calls for the making of about 75,000 feet of tunnel to carry the water from the rivers of the district west of Worcester into the Wachusett Reservoir. Later, the plans are to impound the water of the Swift River drainage area in the bed of an old glacial lake by means of a dike and dam, and to continue the tunnel from the west to carry this water towards Boston. The tunnel is to be nearly thirteen

feet high, and eleven feet across at the bottom, lined with concrete.

At noon the party went out to Shaft No. 2, about four miles from Holden, where the offices of the company are located. A quick ride down the shaft brought the men into the actual tunnel. Dark, its sides raining water, reverberating with the sharp rattle of the compressed air drills, its air acrid with smoke from blasting, the tunnel was an eerie place. Most of the men had never before been in such a place, and the experience of being in the heart of activity 350 feet under ground was novel.

The tunnel goes straight through the bed rock, and while the expected faults in the rock causes some trouble, it is solid enough to require no timbering thus far. Geologically speaking, the bed rock is folded and jointed mica schist, a metamorphized form, its origin being water deposited clay. However, there is shot through this at every possible angle and direction, granite, a form of igneous rock. In the formation of the rocks, which occurred in the ages ago when there were still hot juices in the ground, this molten material pressed its way into the joints of the existing bed-rock. As Professor Morris pointed out, when a molten mass heated to perhaps 800 degrees centigrade, and containing such super-volatile materials as fluorine, chlorine, and high-pressure steam, starts working up through its confines, something is bound to happen.

The rock formations were studied closely, and then the actual work was explained. The bench system is used in getting out the rock, and about five pounds of dynamite are required to remove one cubic yard of rock. Electric mules take the broken stuff from the "mucker" and electric elevators bring the cars to the surface. After a plentiful lunch at the cook-house, the party again studied the rocks in the waste pile, to determine more accurately the actual make-up of them. Returning from the construction camp, the group stopped at the company's offices where maps and other data were made. Professor F. K. Morris was in charge of both expeditions.



Aviation is Topic Before Course XV

Airways Manager to Address Corporation XV Dinner Tomorrow Night

At the first dinner meeting for this year of Corporation XV tomorrow evening at six o'clock in the grill room, Benjamin A. Pollet, Boston Manager of the Colonial Air Transport Inc., Colonial Western Airways, Inc., and Canadian Colonial Airways Inc., engaged in the transport of air mail, air express and passengers, will present in a short talk the commercial aspects of aviation.

It is difficult at the present time for us to judge as to the comparative importance of the scientific developments of the last thirty years. But it seems reasonably certain that future generations, looking back at our times, will find nothing else equal to aviation, in-so-far as influence on man's behavior is concerned. At the beginning of the century we were already, and had been for hundreds of years, in some degree, masters of land and sea. There was but one World left to conquer—the air, and Ben Pollet of Colonial will tell how our intrepid contemporary airmen and our scientific men, engaged in solving these problems, are fast leading us to complete victory over the air.

This is the year of airships. England is launching the first of two giant ships to carry 100 passengers across the Atlantic. Germany has completed and just sent to this country the new ship Graf Zeppelin designed to fly around the World in twelve and a half days. The United States is building the biggest airship of all, 800 feet long; the first of a fleet of such craft which will form our aerial navy.

British Critic Learns That "Yeah" No Longer Means "Yes" in American Slang

Campaign to Abolish the Use of "Yeah" in American Speech Seems Hopeless

America is continually being criticized by British editors and authors for her habit of saying "yep" and "yeah" for "yes" and "nope" for "no!" The latest of these comes from the new dramatic critic of the New York World, Mr. St. John Ervine. He says: "Will anybody tell me why a human being should say 'yep' when he means 'yes', and thus make himself sound like a laughing hyena attempting to talk, or why any one should say 'yeah' which sounds as if he had started to say 'yes' but had suddenly contracted a violent pain in his stomach and was unable to finish?"

Answer to this criticism is found among the editorials of the same paper.

"With Mr. St. John Ervine, our new dramatic critic, who objects to 'yep' and 'yeah' in America speech, we deeply sympathize. When things like that get on your nerves, they get on your nerves and that is all there is to it. But though we sympathize, we do not join in his campaign to abolish these two words. 'Yep' we don't care much about, for as a matter of fact, it is not, save in a few sections of the country, a part of American speech. It is one of those things, like 'wa-a-a-ll' and 'cal-ate' and 'jeeminy cricket', which Americans are supposed to say but don't. 'Yeah' is a part of us, and one of the finest words we have ever evolved.

"Yeah" and "Yes" Quite Different The trouble with Mr. Ervine is that he naively supposes that it means "yes". Actually it does not, or does very seldom. Although derived from 'yes' its meanings have long since departed from its derivation. When an American merely means yes as when the man in the office asks whether he is ready to go to lunch, he does not say 'yep' 'yeah', or 'yes'. He says 'sure'. But when he means something that would take many words to state explicitly and thus needs a subtle word of flexible connotation to express

his meaning briefly, he uses 'yeah'. For example: "I saw a horse jump over the Woolworth Building today!" "Yeah?"

"Now this of course doesn't mean 'yes'. It means 'You're a damn liar but let's hear the rest of it anyhow.'"

HARRIERS WIN OVER CRUSADERS BY 25-30

(Continued from Page Three)

and Holland. Three Technology men, Conant, Camerlingo, and Jewett, finished sixth, seventh, and eighth respectively. The others to finish, in the order named, were Bakewell of Holy Cross, Littlefield of M.I.T., Green of Holy Cross, and Fleming, Fitzpatrick, Moran, and Medkiff of M.I.T. The time for this race was 19:10.

Yearlings Show Promise

Although they did not win, the yearlings showed much ability and promise, and Coach Hedlund was well pleased with their work. Much of the blame for their failure to win is due to lack of experience. With the experience that they must have acquired from a real meet they should show something worth watching in their next race.

Next Saturday there will be a track and cross-country handicap meet at Tech Field for all Institute students who wish to enter. Everyone is urged by Coach Hedlund to enter some event. The following Saturday, November 3, there will be a meet with the University of New Hampshire. The Maine team, intercollegiate champions of last year, won from New Hampshire on October 13. Coach Hedlund expects that the men will be in the best of condition by that time as he anticipates a hard race.

OFFICIAL

President Stratton will address the Freshman Class in Room 10-250 on Thursday at 11 o'clock. Every member of the Class of 1932 will be expected to attend.

Away from the Grind

(Continued from Page 2)

forced vacation due to the illness of one of its members, Harold A. Freeman, '31. Needless to say, the house had a grand and glorious time and is looking forward to another of its members catching a contagious disease. It is thinking seriously of forcing one of the pledges to contract something or other so that the members can have another vacation. It is rumored that the fraternity will give a house warming dance at its new home at 338 Bay State Road in the near future.

Sigma Chi

Sigma Chi held its first dance of the year on Thursday, October 11. About one hundred and seventy-five people were present at the affair. The Tech Tunesters furnished the music.

Last Friday evening, forty-six were seated at a formal dinner given by the house for the members of the chapter and their guests. After the dinner, the couples enjoyed dancing at the Copley-Plaza. The Sigs plan to hold similar formal dinners about once a month during the school year.

William B. Wilder, '30, chairman of the social committee, was in charge of both functions.

ENGINEERS LOSE TO SMOOTH GREEN TEAM

Will Meet Worcester Saturday on Technology Field

(Continued from Page 3)

same bunch that was defeated 4-0 by the Huskies a few weeks ago. The forwards were well organized and seemed able to penetrate the Engineer defense quite often.

Meet Worcester Saturday

Next Saturday, the Engineers encounter Worcester on the Coop field. The Cardinal and Gray seem able to play well on their home field and spurred on by the defeat that Dartmouth handed them, this ought to be a good game. However, if the Institute team expects to win they will have to develop a passing attack, as the Worcester team is conceded to be quite strong this year.

LINE-UP

M.I.T.	O.L.	Dartmouth C
Fahy	L.L.	Woodbridge
Youngson	L.L.	Griffen
Saunders	C.F.	Smith
Kashemsanta	I.R.	Schmitz
Baroudi	O.R.	Eagan
Tabit	L.H.	Cohen
Kim	C.H.	Smith
Cooper	R.H.	Johnston
Riehl	L.F.	Rockefeller
Hawkins	R.F.	Stark
Wyman	G.	Stickler

HANDICAP PROVES A FIELD DAY FORECAST

Tryouts for Relay Events to Begin This Afternoon

(Continued from Page Three)

seconds were O'Sullivan and Ayres and Wood took third. In this race the freshmen proved themselves worthy competitors. Of course, this race was little if any indication of the running ability of the contestants, as due to lack of knowledge of the running ability of the men many were given too great a handicap, but it did give Coach Hedlund a true test of what they could do. The times for the two races were 35 and 34-2 respectively.

Due to lack of experience not a freshman placed in the field events. In the High Jump, Ziegler won easily with 5 feet 10 inches with Benjamin and Creedon in second and third making 5 feet 7 inches and 5 feet 5 inches respectively. Slack, Snow and Danforth were the winners in the Pole Vault. Slack first with a jump of 11 feet and 3 inches, Snow a transfer of the Class of '29, and Danforth second with a jump of 11 feet. With the Shot, Hansen made 44 feet 5 1-2 inches, Bailey second made 44 feet 3 inches, and Brashears third with a put of 43 feet 11 inches.

As a whole the meet proved to be very beneficial to the candidates for the Class Relay teams, who will try-out Monday, Tuesday, and Wednesday of this week, in which each man will be given two trials to prove what he is worth.

STUDENTS A. I. E. E. HAS FIRST MEETING

(Continued from Page One)

their particular ability in any one line is noticed and rewarded.

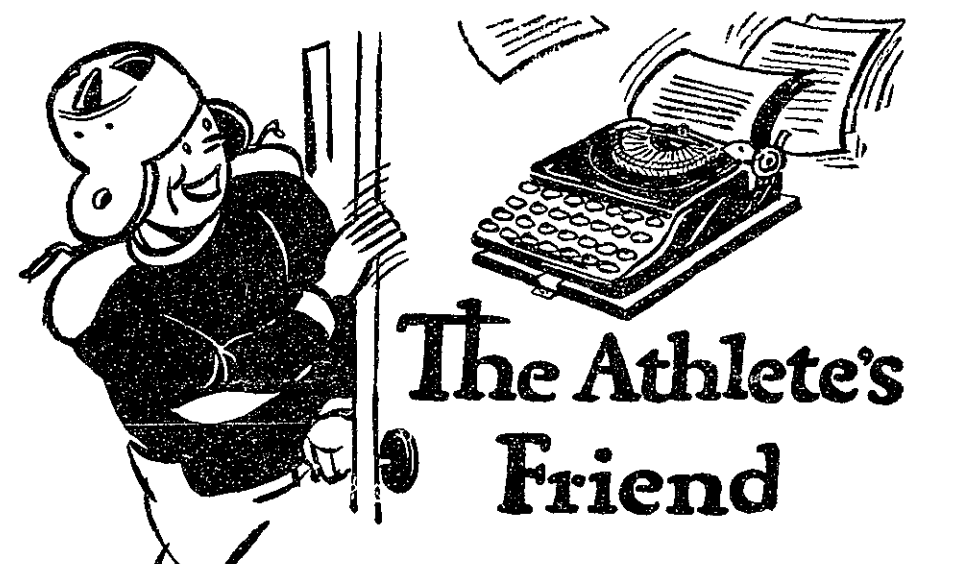
Course VI-A Recommended

The college graduate does not usually understand why he must spend four or five more years of preparation for his final position when he finishes the four years at college, but Mr. Doherty explained that this has been made necessary by the present-day system of specialization.

The co-operative course VI-A was strongly recommended since the graduates of that course were taken on an advanced basis. It was also pointed out that the graduates of this course were always sure what kind of work they wanted to do and did not lose time making a choice of a department.

In conclusion Mr. Doherty stated that his company tried to give training and advancement to its employees and to make the situation attractive to them at all times.

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