



## Pres. Cluverius Speaks at the School of Politics

President Wat Tyler Cluverius of Worcester Tech spoke at the School of Politics, which is conducted jointly by Boston University and the Massachusetts League of Women Voters, in the Charles Hayden Memorial on Nov. 20. His subject was titled "Ramparts to Watch." In his lecture, Pres. Cluverius took up the military defense measures of the United States in a world that is engaged in a major war.

Pres. Cluverius opened his lecture by explaining the reasons for national defense. It is essential that the United States maintain her rights as a nation. People with common interests have banded together into governments to protect these rights and to better develop them. As the countries became larger, friction between powers developed and caused the establishment of a division of the government called the State Department.

It is the duty of this department to arbitrate the differences that arise between the United States and foreign countries. This department tries to be very fair, and without a doubt it has avoided many wars. Pres. Cluverius then said that the Army and Navy are called out only when the State Department has failed in its efforts for arbitration.

Pres. Cluverius then went on to discuss the character of the defense measures, namely the Navy and the Army. He brought out the fact that the function of the Army is much better understood than the function of the Navy. This is because the Navy is only one part of sea power, which is also dependent on the Merchant Marine and naval bases.

President Cluverius then discussed what would happen in the United States if war came. He explained how the National Defense act would work, how industry would be mobilized, in fact all that goes to make up the unified fighting power of a great nation.

In conclusion President Cluverius stated that we are the last bulwark of

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## Boyntonians To Play Saturday

### Fraternity Men To Attend Swing-Fest After Rushing

The members of the cross country squad have been invited to be the guests of the "Boyntonians" at the coming Dorm Dance on Saturday evening, November twenty-fifth.

Due to the fact that the first rushing period will be in progress on Saturday next, the Dorm Dance will not begin until 8:45. Rushers and rushees are reminded that the rush period is over at 9:30 in the evening and thus will allow them plenty of time to attend the dance if they so desire. This will probably be the last regular Dorm Dance until after the basketball season.

Chaperons for the evening will be: Dr. Robert Young and Miss Elvira Ogden, Professor Claude K. Scheifley and Miss Marianne Wilkinson, Prof. and Mrs. B. Layton Wellman.

## From Our Prexy

If the fall athletic season is an index of the manner in which Tech men acquit themselves in athletics throughout the college year, it is readily understandable why our teams maintain a widespread reputation for fine sportsmanship.

I have followed the teams for many years but none with more personal satisfaction and enjoyment than those of our school. Good spirit, clean play, and the will to win marked each contest.

The score may not be everything; all the same, victory is sweet. And the wholesale support of the student body is a long step toward that victory. The teams carry our colors, but the colors cannot advance without men behind them. That is our job.

My felicitations to football, soccer, and cross country men of Tech, 1939 season.

Watt Tyler Cluverius

## Students To Aid In Community Chest Drive

### Contributions To Be Received by Professor Schweiger and Tech News

Professor Schweiger, who is in charge of the Community Chest Drive in Tech, reports that the student body will be given a chance to contribute to the Worcester Community Chest. Until last year only the workers of the Washburn Shops, and other Institute employees took part in the drive from Tech.

This year's drive, which begins today and ends Friday, marks the twentieth anniversary of the Worcester Community Chest. The goal this year is set at \$500,587 for the entire city. Since Worcester's Chest has been proven to be one of the most efficient in the country that amount is expected to be reached. With the help of Tech students it ought to be an easy matter.

Since this is the Twentieth Anniversary of the drive a red hat feather is given to every participant in the drive.

Tech students may make their pledges through the TECH NEWS or by seeing Professor Schweiger in B19. Let's show Worcester that it can depend on Tech students, give. . .

## Donald Smith Elected Prexy Of Junior Class

Donald Smith of Delmar, N. Y. was elected president of the class of 1941 last Thursday, November 16. The other two nominees were Arnold Swanson of Milton, Mass. and Hilliard Paige of New London, Conn. Paige, however, declined the nomination, and the election was between Smith and Swanson only. Smith won by the very close margin of five votes.

During his years here at Tech, Smith has been active in sports, a letterman in soccer and track, and a member of the J.V. basketball squad. In addition he is on the "Peddler" staff and is a member of Tau Beta Pi.

## Red Norvo To Play For Greeks On Dec. 20

### Famous "Name Band" Now Playing On National Network

The engaging of Red Norvo and his band for the Inter-Fraternity Ball was announced by the committee last week. "Mr. Swing," as he is known to his thousands of disciples, is at present playing at the Hotel Benjamin Franklin, in Philadelphia. He will complete a six week's engagement there in time to entertain Tech's Greek element at the Hotel Bancroft, on December 20. During his present stand, he can be heard nightly over the national network.

The second "name" and in a row to come to the Inter-Fraternity Ball, Norvo's subtle swing should please the patrons as much as Glenn Miller's did last year. There are thirteen pieces in the band not including leader Red, who is famous for his vibraphone playing. It promises to be one of the best Inter-Fraternity Balls in recent years, so plan now to attend.

Tickets are three dollars per couple and may be obtained through members of the inter-fraternity council.

## Student Speakers Entertain at First A.I.E.E. Meeting

The first student branch meeting of the American Institute of Electrical Engineers was held in Sanford Riley Hall at 7:30 P. M., Friday, November 17th. Four student speakers told the group about their experiences in the electrical field during the summer

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## S.C.A. Presents Comic Farce, "Slow Death by Waterfront"

### Prexy To Speak To Alumni

#### Large Groups in Distant Cities Listen In Over Telephone

On the evening of December 9, 1939, President Cluverius plans to address several alumni groups in some of the larger cities throughout the East and Middle-West by means of an extensive telephone hook-up. As Prexy will be unable to visit these groups personally for a number of months due to many previous engagements, he intends to use this method for sending greetings to the alumni.

Complete plans for the address have not as yet been formulated but it is tentative that six large cities will be included in the hookup. Among these cities are included Cincinnati, Chicago, Buffalo, and Philadelphia.

It is believed that the program will last fifteen minutes. It is possible that in addition to Prexy's talk there will be a talk by Harry Lindsay, President of the Alumni Association, and a selection from the Glee Club. In his talk, Prexy will send his greetings to the alumni and will, in addition, inform them of the programs, athletic and otherwise, that are being carried out on the Hill this fall.

Admiral Cluverius is very enthusiastic about the idea. He feels that it will aid him to keep in touch with the alumni in advance of later visits. There will probably be representatives of many Tech organizations present at the address.

## Glee Club and Band Add To "Vember Variety"

### Warren Keating, Gail Hull And Walter Sodano Take Leading Parts in Comedy

Warren Keating's comic farce "Slow Death by the Water-Front" was a howling success. Thus the feature presentation of 'Vember Varieties, aided by the excellent program of the combined Musical Clubs topped a perfect evening of fun, music and dancing for the large crowd who filled the Alumni Gymnasium last Saturday night.

"Slow Death . . ." or "Boy Makes Girl" was a continuation of the adventures of Butch Smutch, Killcare prison's star football player, portrayed again by that born comic Walt Sodano. Gail Hull, of the Alumni office, also showed her capacity for fun-making when she took the part of Lydia Lush, the Hollywood glamour girl. She and Sodano undoubtedly share the honors with Keating for the presentation of a very enjoyable play.

From the moment the curtain parted on the first act and the play raced through to its close, situations and gags fell so fast the audience hardly had time to realize the play was over. To Keating, who not only wrote and directed the play, but took a leading part in it, should be given a huge amount of credit for the success of the evening. This, his fourth Carnival play at Tech, in every way paralleled his former hits, even to the humorous remarks made by "planted" stooges in the audience. The funniest gag of this sort was given by Herbert Brockert

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## Lead Characters in "Variety" Skit



Courtesy of Worcester Telegram

# Dorm Dance, Saturday at 8.45 p. m.

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## Efficiency Engineering

It has been said that a lazy man makes an excellent and efficient engineer because to avoid extra labor he will design some method or invention to perform the given job with a smaller expenditure of labor and time. Thus the engineer has demonstrated efficiency engineering.

The people of Worcester, perhaps taking a leaf from the page of our engineering training at Worcester Tech, applied efficiency engineering to the solicitation of funds for charities twenty years ago.

Previous to 1920, the people of Worcester had been subject to solicitation for various charitable organizations practically every week of the year. In 1920, Harry G. Stoddard was made chairman of a group who planned to combine all charitable organizations of Worcester into one group to solicit a "Golden Rule Fund." That group showed a fundamental knowledge of efficiency engineering of which any embryo engineer might well be proud. Labor, time, energy would be saved and the efficiency of Worcester's charitable organizations would be higher.

This week is the twentieth anniversary of the founding of this fund. Today this group is still known as the "Golden Rule Fund" and includes the twenty-nine most important charitable organizations of Worcester.

In past years contributions and pledges have been solicited from the faculty, office staff and workers at Worcester Tech. This year for the first time, Tech students are being asked to take a share in this civic responsibility.

Twenty years ago, the Golden Rule slogan was "Suppose Nobody Cared." Today emphasis is being placed on the slogan "Good Neighbors are Good Americans." Tech students are good Americans and may be the future neighbors of the world. We ask you to contribute either in cash or by pledge either large or small through Dr. Albert Schweiger or the girl at the information window in Boynton hall this week.

## Freshmen and Fraternities

A word to the Freshmen. As you all probably know, formal rushing begins this Wednesday, Nov. 22, and continues every night for a week, Saturday and Sunday nights included. This means that most of you will be down at the various houses for dinner practically every night and will not leave until 9:30 P. M., you probably won't get at your studies until well after 10:00 P. M. Naturally this is rather hard on the studies, but there is no help for it. Choosing your fraternity is one of the most important decisions you will have to make here at Tech, and you should take full advantage of this opportunity to get acquainted with the Tech fraternities and have them get acquainted with you.

During this week of rushing, the houses that are rushing you will naturally be trying to make a good impression on you. Whether they succeed or not is up to them, provided you do your share and give them a chance. Whether or not you make a good impression on them is entirely up to you. Above all dress "neat but not gaudy" and do not try to play the part of the wise guy.

The fraternity men have been trying to get to meet and know you Freshmen for some time now, but they are only human and naturally have not been able to get around to everyone, especially the city fellows. Therefore they ask forgiveness to any men who feel that they were slighted in giving out the bids. If you are a good man the fraternities will find out before very long, never fear.

## Alden Memorial Construction Proceeding Rapidly With Seven Months To Go Contractors Promise Building For Graduation

Construction on the new Alden Memorial Auditorium has been proceeding rapidly.

The contractors, ground-men, carpenters, and the rest, have been at it now for five months, having started on June 20, 1939. Three days later, the steam shovel arrived and the actual excavation was begun. Then followed 150 days of fast, energetic, and precise labor with approximately seventy-five men employed at all times.

At present, with seven months to go before the termination of the project, much has been done. In the main building, the walls have been built up as far as the roof. On the south elevation, the frame-work for the roof is nearing completion.

The tower which is to be to the south of the steel elevator, has been built up as high as the second story. Plans for the north annex have not as yet been furnished by the architect, so no work has been done there. Besides these main features, floors have been built, side wall trusses and beams put in place, and many other incidental but necessary objectives have been accomplished.

At this rate, Chief Engineer Tapper expects to be finished in plenty of time for the graduation exercises in June. Once completed, the new building will be a beneficial and useful addition to our growing Worcester Tech.

Incidentally, the story passed around that the stone shipments were being delayed is entirely false Mr. Tapper stated.

## Debating Society Loses Opener To Rensselaer Poly.

### Matches with Bowdoin, Colby, Maine and Bates During Spring Recess

The first debate of the season for W. P. I. Debating Society was held with Rensselaer Polytechnic Institute Friday, November 10, 1939, at Troy, New York. Representing Tech were Richard A. Coleman, '40, and Merrill Skeist, '40. This is the second debate Tech has had with R. P. I. R. P. I. won both debates,—last year by a 2 to 1 judges' vote and this year 13.00 to 10.85. The reason for Tech's defeat, according to the lawyer who was critic judge, was the direct speeches; but Tech scored more than R. P. I. on the rebuttals. Another contributing factor in Tech's loss was the type of evidence used.

At the last meeting of the Debating Club there were Freshman tryouts, and the only two men who definitely made the Freshman team are Ludwig P. Reiche and Daniel M. McNally. On the basis of debating characteristics Reiche was chosen for his smoothness of speech, his poise on the floor, and his ability to refute. McNally was chosen for his forceful presentation and oratory.

At the next meeting of the Debating Club, outside authorities will conduct a two-man debate on the question of Government Ownership and Operation of Railroads. Supporting the question will be an economist and opposing it will be a railroad official.

During the spring vacation, four men will tour Maine. Definite contracts have been made with Bowdoin and Colby, and contracts are being attempted with the University of Maine and Bates.

## Club News

### CAMERA CLUB

The next meeting of the Camera Club is scheduled for Tuesday, Dec. 5. John S. Long, Jr. of the Worcester Photo Shop will speak on "Portrait Lighting" and give a demonstration. For this demonstration a professional model has been engaged. The meeting is open only to members of the Camera Club. Everyone present will have a chance to take pictures during the demonstration.

Photographs of the model will be posted on the bulletin board shortly.

### OUTING CLUB

The Outing Club members should keep the following dates in mind for the week following Thanksgiving vacation. On December 8, Friday, members will attend the Worcester Ski Club's meeting at Clark University at which Otto Schneibs will speak and show movies. The following Sunday, Dec. 10, the Club will join with Mt. Holyoke, Smith, Mass. State and Amherst Outing Clubs in a hike over the Mt. Holyoke range. If interest is great enough, a dry ski course will be conducted the week before Christmas. The tentative date for the next regu-

## Fraternities

### T.K.P.

Danny Usanis has been very busy for the past week explaining just why he came back two days late from the Armistice Day weekend. Danny breezed into the House Tuesday night with a happy smile and a glib story of automobile trouble to explain his absence. His story was plausible enough but some of the brothers refuse to be convinced.

Brother Russ Korolyshun, 39, dropped in Saturday night for a visit.

### LAMBDA CHI ALPHA

Pi Zeta announces the initiation of the following men: Malcolm S. Burton, Alfred F. Anderson, John Benedict, Alfred Winslow, Felix Thiel, Lawrence Lance, Robert Schultzeiss, Albert Goodrich, and William Wheeler.

On November 11 thirty members went to Troy, N. Y., to see the football game. The Lambda Chi chapter at Rensselaer was host. In the evening several attended a dance held in the club house.

lar meeting is Dec. 12. Club dues for the year and any U. S. E. A. S. A. memberships should be paid by this date at the latest.

# RIGHT OR WRONG?

## A 2-minute test for telephone users



1. Bell Telephone engineers are making exhaustive studies of solar data from observatories all over the world.

RIGHT  WRONG



2. Radio network programs are transmitted from studios to broadcasting stations on regular telephone circuits.

RIGHT  WRONG



3. Twenty years ago, putting through a long distance connection took about three times as long as it does today.

RIGHT  WRONG



4. Lowest telephone rates to most out-of-town points are available every night after 7 P. M. and all day Sunday.

RIGHT  WRONG

### ANSWERS:

1. Right. They're learning how and why sun spots affect radio telephony, in order to give you better overseas and ship-to-shore service.
2. Wrong. Broadcasting stations are linked by more than 60,000 miles of special circuits, developed to transmit the extremely high and low frequencies of music.
3. Wrong. Since 1919 the average time for making a long distance connection has been cut from 10 minutes to 1.4 minutes.
4. Right. Why not telephone your family or distant friends oftener?



# BELL TELEPHONE SYSTEM

Football Squad at Tech To Lose  
Five Key Men by 1940 Graduation

Team Completes Season  
With Record of Two Wins,  
Two Ties, and Two Losses

The season which ended last week will not be forgotten very soon. It will be remembered only as the hardest luck season of them all. All season long the boys have been dogged by bad breaks in the form of penalties, intercepted passes, and injured players.

A record of two wins, two ties and two losses does not seem very impressive when compared with the undefeated record of last year. But if the season were to be judged by the number of thrills received or the number of times the spectators' hopes were raised or dropped, then nineteen thirty-nine would rank first.

The loss to the team through graduation will be more apparent this year than in preceding years. Graduation this year will remove at least five key men from the squad: Peters, Forkey, Gustafson, Lambert, and Fritch. Peters played left end while the other four mentioned were the regular starting backfield. Ray Forkey's punting and passing will be hard to replace. Gustafson, Lambert, and Fritch as ball carriers and blocking backs will be sorely missed. Recruits in the form of Smith, Allen, Atkinson, Tenny, Seaton, and Lipovsky may be enough to make up this deficiency.

Coast Guard

In the first game of the season, Tech did not get started until the second quarter. W.P.I. broke through in this stanza for the only tally of the entire game. Ben Lambert carried the ball 58 yards for a touchdown.

Trinity

Tech faced a better squad this year than last. Behind excellent blocking and trick plays, Trinity was able to roll up two touchdowns and one field goal. On a pass from Lambert to Forkey, Tech registered its only tally of the game. The score: 17-7.

Norwich

Norwich came to Alumni Field with an undefeated record and was a heavy favorite over W.P.I. Seeming to play a good brand of ball for the first time this year, the Bigermen completely outclassed their Norwich rivals in every department. The first score of the game came on a fumble recovered by Bob Lotz behind the Norwich goal line. In the fourth quarter Ray Forkey kicked a field goal from the fifteen yard line. In the final minutes of the game, Bob Lotz intercepted a pass and ran 56 yards for another tally. Final score: 17-0.

Mass. State

Tech dropped a hard one to Mass. State. The Aggies scored on the first play of the game for their only threat of the whole game. W.P.I. was in scoring position no less than five times and each time lacked the necessary punch to bring about a score. Final score: 17-0.

R. I. State

A thrill packed game saw Rhode Island and Tech play to a 7-7 tie. Tech scored in the first quarter by means of a long pass and a line buck. Forkey converted. In this same quarter, R. I. State marched down the field and scored on a pass into the end zone, converting the extra point. The game then developed into a free-

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Tank Records  
Threatened As  
Swimmers Turn Out

Grant Optimistic as  
Former Varsity and Frosh  
Stars Start Practice

With the first swimming meet with Williams College on December 16th only four weeks away, Frank Grant is busily engaged in whipping the strongest swimming squad he has had in years into perfect shape. He expects to start time trials sometime this week.

In addition to the regulars left over from last year, Tom Love, Bill Riddick, Walt Kennedy, John Ingham, Dave Kuniholm, Clark Goodchild, Steve Hopkins, Fred Chamberlin, Harry Stirling, and Bob Muir; there are several additions from last year's outstanding freshman squad. Most promising among these are: Fred Shippee, holder of the present freshman backstroke record, Rodney Paige, and Ed Hebditch, who share jointly with Shippee the freshman medley record, Ray Wynkoop, who holds all the freshman free-style marks, Fred Merriam, George Birchall, Bill Jackson, Boyd Abbott, Gordon Chaffee, and Roy Bourgault.

Senior Joe Platukis is not reporting for swimming this year because of the press of studies, and accordingly Grant is faced with the problem of finding a running mate for Shippee. At this writing Kuniholm, Hebditch, Abbott, and Merriam all seem to have an equal chance for the berth. Goodchild and Hopkins look even better than last year, and should strengthen our only weak spot, the 200 yard breaststroke.

By reputation, Grant is the most pessimistic coach on the Hill, for it is rumored that he very seldom even congratulates a swimmer on a good performance or a broken record; yet last week he went so far as to predict that the present college 400 yard relay record would fall several times in the season. For the relay berths Riddick, Love, Wynkoop, Paige, and Stirling have no competition. Tech is approaching its peak in swimming. Even Frank is pleased!

SIGMA PHI EPSILON

Twenty couples attended the dance held at the Sig Ep House last Saturday night after the 'Vember Varieties' show. The program included games, and dancing and singing to the accompaniment of the new "Vic". Refreshments were served in the kitchen during the dance.

for all. It was anybody's game until the final whistle.

R.P.I.

An aggressive R.P.I. team faced Tech at Troy. Rensselaer scored first in the second quarter on a long drive from their own goal line. W.P.I. made no serious threat until the final quarter when Lambert scored through left tackle. The Bigermen threatened twice after this only to be stopped by an intercepted pass and the final gun. The final score: 7-7.

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Frosh Booters  
Upset Soph.  
Soccer Team

First Year Men Win  
1-0 On 2nd Quarter  
Goal by Rothwell

The Freshman soccer team defeated the Sophomore booters by a score of 1-0 last Saturday in a closely matched, hard fought contest.

The first quarter saw the play mainly in Freshman territory because of superior team play on the part of the Sophomores. In the second quarter, the picture changed a bit. Taking a free kick about thirty yards out, Al Rothwell placed the ball in the goal by way of the cross-piece, to give the Freshmen their first score, the only one of the game. In the last half, most of the play was even, neither side being able to break through, although several Sophomore threats almost bore fruit.

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Fraternity Relays  
To Start Soon

With the Interfraternity Relays starting Monday, December 4, the more fleet-footed fraternity men are already picked 'em up and layin' 'em down in the hope of bringing home the coveted cup. Phi Gam took the series last year, nosing out Phi Sig in a photo finish but it is impossible to make any reliable predictions as to the outcome this year.

This is the first Interfraternity contest in which this year's freshmen may compete and it is suspected that we have some swift freshmen on the campus so the races should be especially interesting.

Intramural Relay Schedule, 1939

- Monday, Dec. 4:  
T.X.—P.G.D.  
L.X.A.—S.A.E.  
S.P.E.—T.K.P.  
A.T.O.—S.O.P.  
Wednesday, Dec. 6:  
S.A.E.—P.S.K.  
T.X.—A.T.O.  
P.G.D.—S.P.E.  
S.O.P.—T.K.P.  
Friday, Dec. 8:  
P.G.D.—L.X.A.  
P.S.K.—T.K.P.  
A.T.O.—S.A.E.  
T.X.—S.P.E.  
Monday, Dec. 11:  
S.P.E.—S.A.E.  
T.X.—L.X.A.  
A.T.O.—T.K.P.  
P.S.K.—S.O.P.  
Wednesday, Dec. 13:  
A.T.O.—P.S.K.  
S.P.E.—S.O.P.  
L.X.A.—T.K.P.  
S.A.E.—P.G.D.  
Friday, Dec. 15:  
S.A.E.—T.X.  
P.G.D.—T.K.P.  
L.X.A.—S.O.P.  
S.P.E.—P.S.K.  
Monday, Dec. 18:  
P.G.D.—S.O.P.  
L.X.A.—P.S.K.  
S.P.E.—A.T.O.  
T.X.—T.K.P.  
Wednesday, Dec. 20:  
L.X.A.—S.P.E.  
P.G.D.—A.T.O.  
T.X.—P.S.K.  
S.O.P.—S.A.E.  
Thursday, Dec. 21:  
S.A.E.—T.K.P.  
S.O.P.—T.X.  
P.G.D.—P.S.K.  
L.X.A.—A.T.O.

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Freshman Football Team Trounces  
Sophs, 21-0, in Spirited Contest

Lambda Chi  
Takes Net Title

Second Place Tie  
Between Phi Gam,  
Theta Chi, and A.T.O.

Displaying the same smooth teamwork and sparkling shots that had previously put away seven consecutive intramural opponents, the Lambda Chi tennis team downed S.A.E. last Thursday to win the intramural tennis cup. Their record of eight wins and no losses is convincing evidence of the superlative tennis that Ted Bates and Willard Gove unleashed this fall. By topping every other house on the hill they gained undisputedly the top rung in the first of this year's intramural series.

Phi Gam, winners last year, proved themselves formidable again as they took second place. Theta Chi and A.T.O. may wind up tied for second honors with P.G.D. if they are successful in their last matches, which will probably be played this week. Theta Chi engages Phi Sig, and A.T.O. meets T.K.P.

Theta Kap is at present in fifth place. If they win from A.T.O., the spot will be undeniably theirs, but if not, S.P.E. will tie with them for fifth. Phi Sig is seventh, also with a chance to tie for fifth, and S.A.E. and S.O.P. follow in that order.

The only other match played last week was Theta Chi's win from A.T.O., 75-8-6. As the score indicates the match was close and hard-fought all the way.

Standings to date:

	Won	Lost
L.X.A.	8	0
P.G.D.	6	2
A.T.O.	5	2
T.X.	5	2
T.K.P.	3	4
S.P.E.	3	5
P.S.K.	2	5
S.A.E.	2	6
S.O.P.	0	8

Frosh Football  
Team Defeats  
St. Peter's High

The Freshman football team, or as it is known to the players, the "Wildcats", beat St. Peter's High 12-7 in an informal game last Wednesday. The Freshman line functioned perfectly, and it was no trouble at all for the backfield to gain yardage. Bob Allen and Len Smith, both Sophomores, made the touchdowns, while Pete Wilson failed twice to kick the point. The St. Peter's touchdown came later, the result of a beautifully executed pass play.

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Saturday's Victories For  
Freshmen Tie Up Points  
For Goat's Head, 5-5

The Freshmen crashed their way to a 21-0 victory over the Sophomores in the annual interclass football game last Saturday to tie up the goat's head score at 5-5. The Freshmen, with two full teams which had been practicing together all season had an advantage over the Sophomores, who had less than one full team of regular football men. The Freshmen capitalized on every opportunity to score, but failed to give the Sophomores any chance to do likewise.

The playing was dominated by the excellent running of Tenny and Seaton as well as by brilliant passes by Tenny nearly all of which were completed. One of the new Freshman plays, a lateral from short kick formation, was very effective, for the Freshmen got a first down almost every time they tried it. However the backfield would not have been able to do a thing had it not been for the excellent blocking done by the Freshman line.

The first chance for a score came in the second quarter. The Freshmen had just punted from about their forty yard line when Pete Bigler, as referee, called a clipping penalty on the Sophomores and gave the ball to the Freshmen on the Sophs' forty yard line. On the first play the Sophomore line held, but on the next play Seaton took the ball on a long run, ran forty yards, and crossed the goal line standing up. Pete Wilson kicked the extra point.

The Freshmen again threatened the Sophomores' goal in the third quarter when Peterson recovered a Sophomore fumble on their forty yard line and a few minutes later Reinecke downed a punt on the two yard line. In attempting to kick out of danger, the Sophs got their signals mixed and nobody got the pass back from center until a swarm of Freshmen tackled the receiver behind the goal line for a safety.

After the safety, the Sophomores took a free kick from the twenty yard line and Seaton, after getting the ball on a reverse from Tenny, ran about 65 yards for his second touchdown. Pete Wilson failed to convert, leaving the score 15-0 as the quarter ended.

In the last quarter, Ed Lipovsky intercepted a Sophomore pass on the 27 yard line. A pass from Tenny to Allen brought the ball to the seven yard line. After a series of line bucks, Tenny threw another pass to Reinecke, who completed it for the touchdown. Wilson again failed in the conversion, and a few minutes later the game ended.

The lineup:  

FRESHMEN	SOPHOMORES
Reinecke lc	lc Cohen
P. Wilson lt	lt Love
Marsh lg	lg Camp
Montgomery c	c Weiner
Atkinson rg	rg Yankauskas
Hanckel rt	rt Saarnijoki
W. Allen re	re Tollis
Seaton qb	qb Smith
Peterson lb	lb R. Allen
Lipovsky rh	rh Sargent
Tenny fb	fb Andreopoulos

Substitutions: Freshmen—Fairhurst, Scott, Slein, Bierweiler, Keogh, Jenkins, Maxon, Palmer, Dunn, Fulton, Pezza, Barnes, Seaver, Hickers.

Sophomores—Ford, Douglas, Warren, Bolton, Disario, White, Aubuchon.

Officials: Reiterer, Bigler; umpire, Scott; field judge, Atkinson; head linesman, Grant.

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President Gives Talk

(Continued from Page 1, Col. 1) democracy, and that to attain our glorious destiny, we must remain free. Other topics of discussion at the School of Politics were "Radio Propaganda", "The Press and Propaganda", and "The American Cannon." Another talk to be given by President Cluverius in the near future is to be presented at the Gardner Men's Club, Tuesday, Nov. 21, on the subject "Today's Duties." President Cluverius is also to speak at the dinner of the Naval Academy Graduates' Association of Boston at the Hotel Commodore in Boston, on Thursday, Nov. 3.

'Vember Variety

(Continued from Page 1, Col. 5) when, with a dead pan face he calmly walked up the middle aisle, set down a camp stool, took his time making himself comfortable, got out a newspaper and quietly read the paper for the rest of the play.

During other breaks in the action of the evening Fred Miller and Dean Lowd, the voices from the microphone, offered more humor in the way of crazy advertisements and descriptions of a man diving from a height of 300 feet into a damp rag.

The musical part of the evening's fun was offered by the band, glee club and Boyntonians. The band concert included a humorous selection, "The Circus Parade" and more serious pieces

in one of which was heard a trombone trio.

The Glee Club were also very well received. A number of light selections were offered of which the audience approved so heartily that an encore was given.

After the play, which ended about ten o'clock, there was dancing to the swiny music of those prides of Tech, the "Bontons", who, we might add, were really at their best that evening.

The quartet, besides making a very good name for themselves in their part of the program earlier in the evening, displayed their versatility by taking part in the play. Others who helped put over the production were: Gordon Merrill stage manager, and players Jim Ferguson, Carl Keyser, Warren Zepp, Charles MacDonald, Donald Bates, Ralph Whitmore. Many others took lesser parts.

The committee, headed by Fred Miller and J. Dean Lowd should be congratulated on a very fine evening.

AIEE Meeting

(Continued from Page 1, Col. 3) After the talks and question period was over, the group adjourned to the cafeteria where ice cream and cake was served.

The first speaker, Stanley M. Terry, had been employed by the Dumont television labs for the summer. He presented a very interesting talk on the history, the present day television equipment and the possible future of

television. "Design of Power Transmission Circuits" was the title of George M. Moore's talk. This included much information concerning reliability of substation equipment, transmission of power, and the maintenance of constant voltage under load. Harry D. Kingsley had been employed as a "grunt" by the New England Power Association. His activities in this field were limited to ground work with the pole setters. However, he gave quite an interesting talk on all phases of the construction of power lines. Robert A. Muir spoke on the distribution of power, relating his experiences with the Niagara Power and Light Co. His talk included the changing of equipment from 25-cycle to 60-cycle, the changing of taps in transformers, the changing of cables, and the replacement of relays for 60-cycles.

These talks gave quite a good cross-section of the field of electrical engineering and it is hoped by all that were present that there will be more of this type of meeting.

Frosh Win Soccer

(Continued from Page 3, Col. 3) The Freshmen who, because of the wealth of varsity men on the Soph

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team, went into the game as decided underdogs, out-fought the Sophs from whistle to whistle, and well deserved their victory. Al Rothwell, the only member of the Freshman team who was on the varsity squad, led the first-year men with his spirited play, besides scoring the winning goal. Glenn Hill and Dick North, Freshmen full-backs played brilliant defensive soccer.

FRESHMEN

Gilbert g Hill rf North lf McRay rh Walsh ch Keith lh Walcott ro Smythe ri Rothwell c Aitken li Schoen lo Referee: Kenneth Fraser. Substitutions: Frosh—Messer, Burns, McNally, Schedin, Wright, Volkmar, Matasik. Sophs—Whitmore, Eddy, Weiss, Jackson, Cole, Brown, Schultheiss, Hastings, Christian, Mitchell, A. Wilson.

SOPHOMORES

g Holz rf Sprague lf Borrup rh Packard ch Chase lh Merkel ro Grant ri Bergstrom c. N. Wilson li Sheehy lo Anderson

Interfrat Relay

(Continued from Page 3, Col. 3) Races should start at 5:00 P.M.

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