# $=\mathbb{T H}_{\mathbb{C}} \mathbb{C} \mathbb{N} \mathbb{E} W S$ <br> WORCESTER POIYTECHNIC INSTITUTE 

## WORCESTER WELCOMES ALUMNI LET'S ROLL OVER THOSE TROJANS! RPI Game, House Decorations, Dances, Highlight Homecoming <br> Every year about this time Tech



Homecoming Program October 22, 1949
10:00 to 12:00 Registration d.00 Homecoming
dord Riley Hall 1.30 Socecer game-W.P.I vs. Clark 200 Football game-WP.I ve R.PI.
$: 30$ to $6: 00$ Tea
Riley Commons
6:30 to $8: 30$ Open house at all fraternitic
:00 to 12:00 Homecoming Dance,
Alden

## Frosh Briefed at Orientation; Fritz Elected Class Chairman

The Freshman orientation program Howe outlined some helpful suggeswas held for three days, September tions on study habits. The library 26-28, prior to the return of the and its use was explained by Mrs upper classmen. The purpose of such Schoonover, the Librarian. Later a program is to ease the great tran- that day Fraternities on the Hill sition from either military, high were discussed by Prof. C. D. Sheifschool, or preparatory school life to ley who gave a true picture of their college life as found at Tech. The function. Conducted campus tours
Freshman Advisory Committee, va- and physical examinations comrious members of the Faculty, The pleted the afternoon's schedule. The Student Christian Association, the evening was again devoted to song Interfraternity Council, and members and cheer practice and in addition of the upper classes all collaborated the law, that is the Freshman Rules, to carry out this program.

On the first day at 2:00 o'clock, the new Tech men registered in Alden Memorial Auditorium. Following this, our president, Admiral Wat Tyler Cluverius, officially greeted the Class of ' 53 in his usual stirring manner and made it known that the President's Office was open to all the new men. Other speakers were Dean F. W. Roys, Dean J. W. Howe, and various Department Heads who gave their welcome and advice. In the evening two alumni and members of the Board of Trustees, Mr. Robert Adams '04 and Mr. Howard Mayo '19, gave a bit of counsel out of their own experience and observations. Songs and cheers completed the evening's schedule.

## On the second day, Dean J. W.

Since then the Class of ${ }^{5} 3$ has held its first meeting with the assistance of Skull members and Ken Muccino, president of the Tech Council. Elections for Temporary Class Chairman and Council Representative were held with Ted Fritz and Dave Holmes respectively coming out on top.

## NOCTURNAL HIKES, DIPS IN POND MARK FROSH HAZING

The lowly Frosh must be taught $\mid$ During the first week of school the the ways of all college men. Those freshmen did a fine job of singing for who place their feet upon the holy their rivals and giving cheers at all ground of Worcester Tech for the times of the day. The offenders college life by their upper classmen grace.
if some day they are to assume their The ever-vigilant sophs, from the rightful place as lofty sophomores at opening of school, kept a watchful this great institute. It has been de- eye for Skull's return of the goat's creed by the sophomore class that all head to the Gym, and promptly refreshmen shall obey all rules and moved it, less than ten minutes after regulations, and those who do not its return, from the trophy case at will be severely dealt with by the the expense of one large pane of sophomores-bodily! So lowly fresh- glass. The generous sophs, however, men, look up to your elders and respect them. quickly sent $\$ 5.00$ to Doc Carpenter for the repair of the case.

A list of no less than eighteen rules was laid down to the freshman class, to be obeyed until November 1st at which time hazing will be
terminated. The classics of this list are the following:
. Wear a bow tie of the tie-ityourself variety
2. Wear a freshman cap at all times.

Wear garters at all times.
Have your trousers rolled up
During the past week the sophs have been getting down to serious business. On Tuesday and Thursday night, using the old telephone ruse of an unsuspecting frosh leaving his room to answer a never-existing telephone call on the first floor, the sophs captured an even dozen men for a long peaceful ride. At the end of the ride each freshman was made to kneel on the ground and in great dramatic style was shown the goat's head, and then allowed, only once, to kiss it.
The list of offenders in the freshman class has been rather small, but then there is always that $10 \%$ who the strict hazing rules. men are given the opportunity to see and talk with living proof that these four (or five) years are not necessarily fatal, and may actually prove worthwhile.
These hardy survivors of a twentyfifth of a century of academic attrition are our alumni; this weekend is theirs, and it's a big one.
The festivities available to all of us, past and present Tech men, are listed elsewhere on this page. There it can be seen that both the soccer and football teams meet traditional rivals, Clark and R.P.I. The soccer game will get under way at $1: 30$, while the kickoff of the Tech vs. Tech football contest at $2: 00$ will find W.P.I. defending a mid-season record of no defeats, no ties, and three victories. Our marching band (tuba and all) will be on hand to supply pre-game and halftime entertainment. And we won't overlook our cheerieaders who, under the inspiration of Bouncing Boy Phil O'Connor, really know how to build a fire under the few lethargic rooters.
Following Tech's victory on the gridiron, Sanford Riley Commons is the spot to be for the refreshments and dancing to the latest recordings. This will be the first real chance to shake the hands and bend the ears of all the old buddies.
Supper will be served at the dorm and at all the fraternity houses. The houses will serve buffet style and will probably make a nominal charge for the meal.
-One of the biggest features of Homecoming for fraternity men is the competition in house decoration. Each house's face is either altered or obscured by some rig designed to outdo all others in ingenuity and appeal, and still remain within the $\$ 20$ maximum cost limit. A. committee of faculty judges will visit each house unannounced, starting about $6: 30$, choosing the winning house on the basis of best exterior decoration and warmest hospitality within.
The fraternity which is judged winner on the above counts gets a leg on the silver tray which was started in circulation last year. Only two wins by any one house will retire this trophy, and since Phi Gam won last year's competition, the Fijis are the boys to beat. The tray will be awarded to the winning house at the Homecoming Dance, to be held in Alden from 9:00 to midnight. The admission is only 50d per couple,

## TECH NEWS

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## Editorial

Once again "Homecoming Day" is here, the day the grads come back to give us undergrads a "look-see" at the prosperity we're all coming to, and maybe to swap tales with a couple of old buddies, or maybe just to show the wife around the old campus At any rate, we want all of you old-timers to really enjoy yourselves, and just lose yourselves in the host of campus memories you mast have garnered way back when. Just make believe that you're still worrying about that 50 you got last week. From all of us, welcome home, Tech men-we're happy to see that there's still a spot in your heart for "good ole Worcester Tech!"

Well, shades of ' 39 -Tech has one of the top small college elevens in New England this fall! Not since ' 39 and the early ' 40 's has any football team representing the Engineers from Boynton Hill caused the commotion in small college circles that Coach Bob Pritchard's present edition is causing. In their first contest at Lowell they showed their mettle by overcoming a 12 point deficit to go on and win, 19-12. The following week a widely heralded "wagon," the Mass. U "Redmen" ( 28 point favorites, by the way) found out what it's like to face a team that plays on guts, counting only six points against the Crimson and Gray's seven. This past week, again underdogs (3 points) against the A.I.C. "Aces," the team took complete command as in last year's memorable victory over the "Aces" in Springfield. spanking the Black and Gold, 15-0.

Today this team of ours that refuses to say "Uncle" is facing the Cherry and White of the RPI Trojans. It is our hope that our Engineers show to their best advantage this Homecoming Day, and show our Alumni that Tech is again a forerunner not only with slip-sticks equations and log tables, but on the gridiron as well.
Let's live up to the line in the Tech Marching Song that goes, "Let's support the team with all our might." We're out for number $4!1!$

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## "King" Mark, or How to Pass Exams

In keeping with the trend now so prevalent in our educational system, the Tech News would like to submit this article for consideration of all. This article was written by D. Geraldine Guertin, class of '48 at Worcester State Teachers' College, who is now teaching at Sutton High School. The article has been cdited for technical colleges.
To all those fellow-students who have not yet reached the top in the academic world, we submit for approval the following proposals concerning college education. However impractical they may seem at first glance, we are sure that with further study you will be convinced by the cogency of the argument, and subsequently, be won over to our point of view.

## FIRE STARTED BY ENGINEERS IN COAL MINE

Progress of one of the largest man-made fires in history, burning underground 55 miles northwest of Birmingham, Alabama, is being followed by means of capsules of mercury in the path of the blaze, and an electronic mercury vapor detector, it was revealed here today.
The fire, started intentionally last March, is in the Alabama Power Company's Gorgas Mine, where experiments in producing gas by igniting a coal vein underground are being conducted by the U. S. Bureau of Mines and the Southern Research Institute. At regular intervals through the vein, small capsules of mercury have been placed.
A mercury vapor detector, developed by the General Engineering and Consulting Laboratory of the General Electric Company in Schenectady, N. Y., keeps a constant check on the gases pouring from the mine. When the fire, which may create temperatures as high as 3000 degrees Fahrenheit, reaches a capsule, the mercury is vaporized, and the instrument detects the fact, engineers explained.
The mercury vapor detector, which has found its widest application in the public health field, insuring the safety of persons working near mercury, makes use of the fact that ultra-violet light is scattered when it passes through an atmosphere containing mercury vapor. Gases to be tested are passed through a tube, between an ultra-violet light source and an electric eye. If the gases contain mercury vapor, the light reaching the electric eye will be lessened, and the instrument reading will change, engineers explained.

FROSH HAZING-From Page 1 refreshing swim in the perfumed waters of Institute Park.
Don't feel too badly, however, for the frosh. They are coming along fine. They have been good sports all along and have shown signs of real class unity. Many of the sophs are afraid to walk on the campus in groups of less than five or six.

In the first place, all studying for knowledge must be done away with. and studying for a MARK be substituted in its stead. The acquisition of true knowledge must be always econdary to acquiring a mark.
There are many ways of insuring your obtaining a "good" mark, but perhaps the best is to be sure that you learn only those things that the idiosyncracies of the instructor demand that you know. All else is extraneous material. If the prof tells you to forget everything you ever learned, forget it-it will do you no good. If the teacher emphasizes the fact that "you cannot live without a cosine", remember that you might get it on a test. If the more essential points concerning Newton's laws seem to be disregarded in your class discussion, don't let that worry you. Obviously, since they are being left out, they are not important.
Only those capable of expert memorization can hope to be scholastically successful. Memorization is the thing. Memorize only those facts shown to be important by their inclusion in classroom discussion. The parrot-like habit of spouting the instructors' ideas verbatim is highly commendable, and should be employed whenever possible. Adequate memorization is essential to your getting the much-sought high mark, which will assure you of future success in life. Remember, only the "brains" will make a mark on the
pages of time. After all, why should you clutter up your mind learning useful facts when memorizing the instructor's witticisms will achieve the desired effect-a grade on a piece of white paper-with much less effort. You must never submit an idea of your own to an instructor. It might prove antagonistic to his ideas, and thus have a detrimental effect on your mark. Never use your mind. Do not make the fatal mistake of thinking, for this will interfere with intelligent memorization, thus jeopardizing your chances of admittance the honor society.
Finally, never enjoy your studies. Of course, you must feign interest in the presence of the instructor in order to prejudice him in your favor. But such interest must be only preence. Otherwise, you will find yourself acquiring an education. You will find yourself no longer analyzing the prof's pet likes and dislikes. You will no longer record stenographically every detail of class discussion. You will no longer have the time to memorize these things. In short, you will fail miserably in the pursuit of the prime objective, the MARK.
As you go through college life, follow faithfully the tenets that we have outlined, and you will succeed. Remember this byword, which is appropriate to your position in life, and might well be your guiding star: "Bow down ye loyal subjects, to King Marking System.

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# TECH NEWS SPORTS 

## TC OUT FRONT IN I.F. TENNISTKP, SAE, 2ND

The seasonal Interfraternity Athletics got its start the 7th of October on the tennis courts. At the present time, three teams remain undefeated. TX leads the league with 4 victories, while TKP and SAE follow close behind with 3 victories each. Steadiness and coordination distinguish these three teams from the other participants.

TX, with Manny Pappas and George Saltus, after winning the first two difficult matches is improving fast. They have won easily and have looked impressive in the last 2 starts. However they have by far the hardest part of their schedule ahead. They beat PGD (3-6) (6-3) (6-3), ATO, SPE (6-2) (6-0), and LXA (6-1) (6-1).

SAE featuring Sam Winther and Gordon Willard make a team which will be hard to beat. They have defeated LXA (6-1) (6-3), ATO (0-1) ( $0-3$ ), and SPE (6-4) ( $6-3$ ),
TKP represented by Paul Crowley and Gerry Atkinson is another team which will prove troublesome in all matches. They will play SAE on the last day of the season and this match could easily be the game to decide the championship. To date they have conquered SPE ( $6-1$ ) ( $6-$ 2), AEP ( $6-0$ ) (6-1) and PSK ( $6-1$ ) (6-1).
PSK with Jack Archibald and Harold Althen will cause trouble in all their remaining games. They have looked very impressive after their first defeat. They defeated AEP (61) (6-1). Watch Phi Sig, dark horses at this time if the leaders should fal-

In other matches played ATO defeated AEP ( $6-4$ ) (6-2), PGD beat SPE (6-3) (6-3) and also LXA (62) (6-4). Ed Hjerpe and Chup Inman represent PGD.
This year the league features many first year players with such seasoned combine, as LCA's Russell and Emerson, last years champions, SAE's Morse and Bradlaw, SPE's Besselievre and Skidmore and AEP's Strogoff lost to the court battles through graduation. This phenomenon signifies a high standard of play next year as these new players gain experience.

## TECH ELEVEN WINS AGAIN!

Engineers Post 3rd Consecutive Upset At Expense of Aces

Well, they did it again! For the hird week in succession, Worcester Tech's underdog football eleven upset the odds makers, and trooped off Alumni Field with a 15 to 0 victory over American International last Saturday. Displaying a devastating land attack, the Tech eleven ground out 18 first downs. They picked up 268 yards rushing and made one of their two successful pass plays good for a yard touchdown
The backfield men were not the only members of the squad who contributed to this triumph. The Engineers' forward wall was immense, rumning and passing attack. The hard charging linemen forced the Ace's Rufus Kneeland to punt no less than 10 times, and at that, one of these was blocked.
Rick Ferrari gathered in the kickoff on his 10 yard line and raced up the sidelines to the 50 . The game then developed into a punting duel between Shebek of Tech and Kneeland of the Aces. Late in the second period, A.L.C. took over on its 10 , and when Kneeland stepped back to punt from his goal line on fourth down, Dave Holmes broke through from his end position to block the kick for a safety and to give Tech a 2 to 0 lead
A.I.C.'s kickoff was retumed 10 yards by Shebek to their 44. Rick picked up 8 yards and on the next play, he broke loose around left end. He was tackled hard on the 15 and fumbled, with A.1.C. recovering. The Aces kicked out to the Tech 40 and the Boynton-Hillers were off again. Rick picked up 17 yards in two tries and Abdow 7 more, before Ferrari made it first down on the A.I.C. 29. On third down, Jiunnies faded back and rifled a flat pass to Mike Shebek, who in turn fired another aerial to Ferrari on the goal line. Ferraris attempted conversion was blocked and Tech led 8 to 0 .
A.I.C. again kicked off to start the second half, and Tech took over on its own 31. With "Rollie" St. Louis, filling in for the injured Joe Jiunnies IIC-Page 4

For a Soda, a Snack, or
a Smoke
jay's corner

## Engineers Clash in Homecoming Classic As W.P.I. Seeks to Stretch Win Streak

## PIGSKIN PROFILE

Richard Ferrari號, 175 lbs . . . . born High School and hockey merito Tech. President. Kappa Phi.
Walter Kolodne weight, 215 lbs tackle attended Roosevelt High, Wash., D. varsity guard, All-City candidate . . . armed service, March '44 to May $46 \ldots$ Carp M $3 / \mathrm{c}$, U.S.N.R. University of Maryland, '46-47
Tech varsity basketball and track
Epsilon Pi

## TECH SOCCER team bows to TRINITY, STATE

After defeating Fitchburg State Teachers 2-1, Tech met Trinity on the eighth on the Tech field. Trinity rolled over the Engineers 6-0. From the opening whistle Tech was on the defensive. The fine play of full backs Hodgett and Leonard and goalie Sisson managed to keep the ball out of the goal. Finally, the accurate passing forward line of the Yellow and Blue broke through for the first score of the game. The visitors continued to pound at the Red goal throughout the contest. It seemed practically impossible for the Tech line to get past the fast, long-kicking Trinity fullbacks. Six times Trinity drove the ball into the net before the final whistle.
Last Saturday the Engineers continued their homestand against the University of Massachusetts, Discounting the first ten minutes of the game, Tech and their opponents were just about even. It was the opening minutes which made up Tech's four point deficit in the 5-1 score. During the fatal ten minutes Tech appeared helpless and the U of M line scored at will. With four goals to the visitors' advantage, Martin came in to take over the goalie duties, Tech went on the offensive. Near the end of the first period Shorty Ellsworth took a free shot at the goal which bounded off the top cross bar and into the goal mouth. However, the referee ruled that it had not gone in and Tech remained scoreless. Midway in the second period Don Thompson ended one of the Engineers' attacks with Tech's first and only goal. Massachusetts' center half broke through to get the visitors final goal. Several times it seemed that Tech would score some more but their shots all just failed to click.
This Saturday the Tech booters meet Clark University.

Alan Hansen . . . co-captain, guard weight, 195 lbs. . . . born 1926 attended Crosby High, Waterbury, Conn.
played football at tackle and guard lackle and guard
Mass, State
A.S.T.P. at 5 tormed service, April A. F Junior E . Sergeant Phi Epsilon

Donald Kolodne . . . center weight, 210 lbs. . . . born 1926 attended Roosevelt High School, Wash., D. C. . . . football co-captain armed service, August '44 to May 46 . . . corporal, U. S. Army University of Maryland '46-47
scholarship student . . . honor student Junior C.E. . . . Alpha Epsilon

## TECH UPSETS <br> MASS. U. BY <br> ONE POINT, 7-6

In one of the most stumning upsets of the small college football season, Worcester Tech using four substitutes plus the eleven starters against a two platoon system, outfought and outscored a confident University of
Massachusetts 7-6 in the Engineers' first home game.
On Friday there was little doubt over the outcome of the next day's game. Massachusetts was fresh from a resounding $54-0$ victory over Norwich following a $19-0$ win over Bates and University rooters and Coach Eck entertained hopes of a brilliant season, despite the fact that the State plant was fielding one of the lightest teams in its history. Massachusetts' forward wall averaged 172 pounds to the Technicians' even 200, Worcester was keyed up after a $19-12$ decision over Lowell Textile in the opener, a game in which previous dope rated the two teams as even. Behind a formation featuring a shift from the wing-T to the single wing, Massachusetts' vaunted offensive began to roll in the second period. The Redmen began by grinding 44 yards from their own 42 to the Tech 14. But on the next play a wave of linemen from the Tech center smashed acrial ace Russ Beaumont to the earth on the 36 as he looked frantically for a receiver. An Inderson to Roth heave returned the ball to the 22, but the Worcester nds boxed in a sweep by Evan Johnson and took over on the 25 . With the Engineers' offense mired, Mike Shebek lifted a tremendous punt 52 yards to the Massachusetts' 23. Alternating between assaults on the center by the bullish Hal Feinman and weeps about the wings by Anderson. the Redmen were soon knocking on the door again on the Tech 38, only o fumble their chances away. Once again the Engineers could gain nothing, and gambled on Shebek to kick them out of danger. But the ball slithered off the side of Shebek's sho MASS. UNIV.-Page 4

PRITCHARDMEN POINT FOR kEy game with powerful r.P.I. trojans

This week our startling supermen, the Energetic-Engineers of W.P.I., face their ancient and arch rivals, the R.P.I. Trojans This is the point game of the season for Pritchard's Phenoms, currently the hottest small college team in the East.
This will be the forty-third renewal of the great rivalry between the two Polytech clubs. The series was started back in the Pre-Carpenterian Era in the fall of 1894. Since then, W.P.I. has won sixteen and tied three of the yearly classics. Last year the Cherry and White overpowered the Worcesterites to the doleful tune of twenty-eight to six.
The New York Staters opened their season with a twenty-seven to thirteen win over Alfred U., but dropped their next tilt to a powerful U. of Buffalo team, twenty-six to nothing. Only last Saturday the Trojans were again overpowered, this time by Union, fourteen to six. In these same three weeks, Worcester's "winningest" team racked up three straight wins to emerge in the center of the local sportlight.
R.P.I. returns this year with a pair of backs that spelled defeat to our marauders last season. Veteran fullback Dean Armstrong is the warhead of the Trojans' attack. Armstrong has racked up over a mile in rushing yardage in his three seasons at the Troy Institute. Another familiar face will be that of halfback Dick Powell, who teamed with Armstrong to provide the one-two punch of the R.P.I. club last year. Key man of the visitors will be the mastermind of their Wing T offense, quarterback Bill Frankenfield. The dark-horse of the game may well be scat-back Daymon Jordan, defense star of the ' 47 R.P.I. club, who missed all of last season.
The local eleven will sport all the familiar faces with the exception of Big Don Kolodne, still on the injured list. This W.P.I, squad grows deeper with every game, as previously untried performers are given their baptism under fire and emerge from heir initial games looking like old pros.

Our Techsperts go into the tilt with Co-Capts. Hansen and Ferrari at the helm and their indomitable will and never-say-die spirit well in the foreground. Let's hope that once again the Boynton Bombers can fool the experts and continue their winning ways to an outstanding season.

## PROBABLE LINEUP

W.P.I Position R.P.I.

Mehalick 10 L.E. Rentsch 34 W. Kolodne 72 L.T. Kufel 67 Hansen 64 L.G. Beman 40 Majewski 74 C. Koch 17 $\begin{array}{llll} & \text { Fricz } & 67 & \text { R.G. Hoover } 66\end{array}$ Carpenter 70 R.T. Kobel 52 reeland 48 R.E. Cook 43 Junnies Abdow Sbebek

Ferrari

50 Q.B. Frknfield 24
8 L.H.B. Powell 41
30 R.H.B. Jordan
28 F.B. Armstrng 23

AIC-From Page 3
mixing the plays beautifully, the Engineers moved steadily downfield to the Aces' 13, but a pass interception stopped the drive.
Midway through the final quarter Rick intercepted a pass and ran it back to the visitor's 40 . Shebek picked up two yards, and then on the longest run of the day George Abdow streaked up the middle for 36 yards and a first down on the 2 yard stripe. Rick sliced off tackle for the tally. His pass to Andy Freeland in the end zone for the extra point made the score 15 to 0 .

This ended the scoring for the day, but the Engineers did start another drive in the final minutes of the game. George Abdow with consecutive runs of 20 and 24 yards spearheaded the attack which carried from the Tech 21 to the A.I.C. 13.
It would be impossible to single out any one man as the individual star. In the backfield praise must be given Rick and "Gig" for their fine running and also to Mike Shebek for his timely running and booming punts. Joe Jiunnies deserves a big hand for his courageous spirit and fine ball handling and we must not forget "Saint" and Ken Forsberg, his two capable replacements.

Up front, everyone of the starting line of Holmes, Hansen, Majewski, Fritz, Carpenter, Freeland, and Walt Kolodne turned in sterling performances both offensively and defensively. Mehalick, Ferron, MacKay and Kaminsky also proved to be able reserves for the first line.

All in all, Coaches Pritchard and McNulty can well be proud of the job they have done in bringing their spirited warriors up the ladder of New England small college football. We're moving now. Bring on R.P.I.

Nautical Association Launches '49 Season The Nautical Association opened up the season with success and plenty of good prospects. Tech skippers have pulled down a second in a hexagonal regatta and expect to do even better in the future. The skippers, half freshmen, went to Tufts and beat Williams, Rhode Island State, Boston College, and Holy Cross. Bob Allen gained honors by getting two firsts and two seconds in the series of races in sailing dinghies.

The Association has had two meetings already. The first was of organizational nature, which revealed many promising freshmen to replace those salts who had graduated. The second meeting consisted of a briefing on racing rules, which no skipper ever knows too well.
Many races are scheduled for the future and an all freshman regatta will be raced on the 15 th.

## Attention Freshmen <br> Because of the long weekend starting 11 November, the date of the last night of the first rush period has been changed from Thursday, 10 November to Wednesday, 9 November. <br> Teams Outfitted in <br> Professional Style <br> 

MASS. UNIV.-From Page 3 and pitched out only a few yard upfield on the 41 .
A pass interference play advanced the ball to the Tech 8 , with half time near. Two passes in a row in the end zone, first from Beaumont to Looney and then from Beaumont to Pyne slipped through the over-anxious fingers of the receivers as the half ended. The Eckman may not have known it at the time, but they had lost their golden opportunity to carry the scalps of the Engineers back to Amherst. From then on Tech was not to be denied.

Tech's scoring break came early in the second half. On fourth down Dave Holmes, freshman end catapulted into the State backfield to block a punt attempt. Don Kolodne pounced on the free ball and toted it down to the Redmen's 24. A Jiunnies to Mehalick aerial advanced the ball to the 12. The Worcester stands, sensing an upset for the first time, were on their feet. Shebek sliced through the line on a delayed crossbuck to the 6. Captain Rick Ferrari then crashed the center of the Massachusetts line twice, hitting paydirt on his second try. His place-kick conversion split the uprights and Tech led $7-0$ at the end of the third period. With three minutes left in the game the Redmen made their bid. With the ball resting on his own 23 , Johnny Benoit faded way back and lobbed a fifty yard pass to Looney, who basketballed a lateral to Evan Anderson. With Looney cutting down the Tech defenders, Anderson scored on a play which had covered 77 yards from scrimmage.
Rogers' attempt for the extra-point looked good until left guard and cocaptain Alan Hansen hurled his 195 pounds into the path of the ball to save the victory for Worcester Tech, 7-6.

In winning, Tech was outrushed 137 yards to 54 , scored 5 first downs against Massachusetts' 12, gained 13 yards on 2 passes while the Redmen were gaining 151 on 19. The Tech eam won on heart alone; it's some thing all the subsidies in the world can't buy.

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## TECH DEFEATS <br> LOWELL 19-12 <br> \section*{IN 1949 OPENER}

Worcester Tech opened its 1949 football season on October 1st by defeating Lowell Textile 19-12 at Lowell Stadium.

Lowell struck suddenly midway through the period. Francis McKniff gathered in a punt from Tech's Mike Shebek on his own 28 and sprinted to Worcester's 44. On the next play, the Weavers swept to the 22 by virtue of their most effective ground play, a pitchout from Tquarterback McKniff to halfback Frank Polak, who turned the Tech right end for the gain and a first down.
Lowell switched their attack to the center of the line, but this availing nothing, McKniff again called for the pitchout, and Polak once more turned the Tech flank and went all the way for the first score. Tech's freshman guard Ted Fritz broke through on the conversion to block the kick. Midway through the first canto, Lowell led $6-0$.
Tech was unable to move the ball after the kickofi, and on the fourth down Shebek again punted deep to the Lowell 23. Scooping up the ball on the dead run, Lowell's Al Gellene headed for the first right sideline, tightroped down the line to the 50 , picked up a bevy of blockers and went all the way to put Lowell in front 12-0. This conversion attempt was also blocked, this time by Andy Freeland, charging in from end.
The first quarter ended with Tech in possession on the Textiler's 22 following three first downs starting on the Tech 34 and culminating in a pass from T-man Joe Jiunnies to
right end Freeland. At this time, the Tech offense bogged down as Lowell held fast for three downs, but on the fourth Jiunnies pegged a coffin corner pass to Dave Holmes on the 2. Two tries later, co-captain Ferrar bulled across for a Tech TD. The conversion attempted failed to get up in time and was blocked, and Lowell led 12-6.
Following a punt return by Shebek to the Textiler's 49, Ferrari slanted off right tackle, angled for the far sideline, and romped all the way. Ferrari's low placement was blocked again, knotting the score at 12 all after nine minutes in the second period.

The hard charging of the whole Tech line forced Lowell back eight yards after the kick, and in desperation Lowell took to the air. Ferrari leaped for an over-the-shoulder interception of Sid Rude's pass and returned it to the Weavers' 40. On the first play from scrimmage, Shebek knifed through on a cross-buck, and outran the Lowell secondary for 40 yards and the final score of the game. The final again: Tech 19 Lowell Textile 12.

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## TECH BOOTERS OPEN SEASON WITH 2-1 WIN

Worcester Tech's Soccer team successfully opened its season here on Wednesday, October 5th, with a 2 to 1 triumph over Fitchburg State Teachers College. The Tech booters displayed the same spirit and drive which was so evident in the football squad's victory over Lowell Textile the previous Saturday. Even the players on the bench showed this enthusiasm, as they repeatedly rose from their seats to shout words of encouragement and advice to their mates on the field.
As for the game itself, the score indicates the closeness of the contest The first quarter was scoreless as both teams tried to get their attack started. Shortly after the second period opened, however, McInnes of the visitors pumped in the first goal of the day to send Fitchburg ahead 1 to 0 , and the score remained that way until the end of the half.
The Engineers took the field at the start of the third period, and they soon made it plain to everyone that they meant to do something about the score. They controlled the ball from the outset of that period and continually moved into offensive territory, but it was not until midway in the period that Jim Orcutt finally tied the score. The equalizer was a pretty boot from far out on the right side. The rest of the period resulted in no further scoring.

The fourth period was half over and it seemed as if the game was destined to end in a tie. However, Dick Schmitt broke the deadlock as he sent in the winning marker at this point, the ball being deflected off an opposing player and into the net.
All in all, Coach Higginbottom charges showed a great deal of promise and indications point to a successful season for the Boynton Hill aggregation.

## Engineer Harriers <br> Lose to U. of Mass.

While the football team was knocking off a favored University of Massachusetts team 7-6 last week, the cross country team was defeated by Massachusetts 18-45. Between the halves of the football game, Clough of the Statesmen broke the tape, plodding he course in 18 minutes and 56 sec onds. He was followed at 19:05 by teammate Cossar. Worcester's top runner, Dick Zeleny, finished third. A minute later five Massachusetts unners crossed the line abreast. Messenger, Howell, Madigan, Thompson, and Reid finished in that order for Tech.
The team looks stronger this year than it has for several seasons. Dick Zeleny continues to improve and may soon be one of the best runners in New England. Bob Howell is running better than ever and George Messenger has improved tremendously. Because Massachusetts had a strong team last year and still has many of the regulars plus many transfers from Fort Devens, its cross country squad is rated as one of the country sq.
strongest.

NEW FACES IN SPORTS SCENES

This season, new names have crept into the starting lineups of Tech's fall sports teams. These names belong to freshmen; and football, soccer, and cross country have rosters well stocked with men of the class of '53.
On the gridiron, W.P.I. football followers have watched the actions of regulars, George Abdow, Mike Shebek, Ted Fritz, and Dave Holmes, The first two star in the backfield, while Fritz and Holmes are stalwarts up front. The reserves, necessary to the squad's success this year and expected to play major parts in future years, include the following freshmen: Bob Fitzgerald, Phil Kaminsky, Randall Hayden, and James MacKay in the line, and backs, John Gregory, Herb Peterson, and Ken Forsberg.
Coach Higginbottom, although his immediate problem is the present soccer schedule, can look forward to a nucleus for his future teams. Playing with the first team in the past games have been Ernie Demar, Ken Haaland, and Manny Lopez. These men are backed up by Dave Beach, Dick Davis, Tom Rothwell, Steve lbrams, Dave Tavares, and Dick Lanier.
Turning to cross country, freshman Frank Madigan has proved himelf under competition. However Bill Bicknell, Dan Furman, Charlie Flanagan, Ken Shiatte, Al Welcome and George Wood promise to offer competition to the regular runners. All the above-named men are providing the backbone to keep Tech sports on the upgrade.

## Soph-Frosh Rope Pull On Calendar

Soon, before Institue Pond is covered with its yearly coat of ice, the Freshmen and Sophomores will compete in that annual contest known as the Rope Pull. This event is one of many leading to possession of the Goat's Head. The victors will gain three points, more points than in any other contest.
The Rope Pull is one of Tech's raditions. Sometimes, the same class has the muscle to win in their Freshman and Sophomore years. The last class to do this was the class of ' 51 Both classes this year will be seeking their first victory.
The Judge of the Rope Pull will

## AROUNID THE GREEK CIICCUIT Social Season

Hi, everybody; we're here again, and this time we start off with the ad gang back to see how things are getting along. It's nice to see the grads again-some of them ambitious ngineers, others driving new cars and smoking hand-rolled hemp.
Well, eenie, meanie, minie, moe, et's begin with A.T.O. (There are a lot more where that came from, but visiting hours are pretty strict). Ed Knight, Dick Duval and Bob Lazeerin jumped the gun and came back couple of weeks ago to take a look around. Ron Moltenbrey, former Tect News big wheel, Bill Carlson, and Phil Wheeler tied the old matrimonial knot this summer. Congratulations and lots of luck. George Randig is now offering the best in music, news and squawks on the ama teur band as the operator of W1XZ
very successful A.E. Pi Inter national Convention was held at Win nipeg. Manitoba over the Labor Day week-end. Marty Nisenoff and Stan Friedman represented Worcester chapter. Among the accomplishments of the convention was securing a tiancee for Moe Nirenstein. She's really a swell gal, and he'd have to go far to do better, so don't be surprised if the whole chapter attends next year. Moe and Phil Silver are among last year's civils who went to Vorth Dakota to work on a new dam. Bob Kern, Walt Levine, and Stewart Hettinger are now pledged to A.E.Pi
Once the S.A.E.'s had settled down in their abode at No. 6 Humboldt Avenue, the man with the most to tell was Halsey Griswold, W.P.I. chapter's delegate to the 93 rd Annual National S.A.E. Convention in Los Angeles. He remained there for a week and attended both the convention and the S.A.E. National Leadership School. During the summer Carl Ackerman and Dan Harrington said "I do" and went out of circulation. A charming baby daughter, Debora Ame by name, was born to Mr. and Mrs. James Ducharme. Once the confusion of unpacking subsided, social chairman Jack Clark wasted no time in getting the ball rolling. A smoker on October first officially opened the S.A.E. social season. A "no shoes" dance topped off the gala activities of October 8, a day of celebration for everyone but Mass, U, and the freshmen. Several S.A.E.s from Mass. U. stayed overnight to partake of the festivities. The party included some pre-Hallowe'en apple dunking, followed by a round of refreshments. Speaking of Hallowe'en, numerous S.A.E.'s are making dates and re serving costumes for the October 29 Hallowe'en dance, an event which promises to be spectacular. Their social calendar indicates that

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Patty Murphy, and a hayride will among future activities.

## Sig Ep started off with a colossal

 all house-cleaning, and the various rooms were painted in colors rang. ing from bright red (ouch) to pastel blue. A powder room was added nest to the game room. President Don Jordan served as wall paper expert. All of these new fixings and trimmings were officially initiated when Theta Kap and A.E.Pi jammed the place until the walls bulged in response to an invitation for dancing and refreshments. Further entertainment was provided by the Hansen, Rich, Anderson, Orcutt quartet Decorations included autumn leave and corn stocks, but the lime-light was on that beautiful victory footbal from the Mass. U. game, which was hung from the center hall light. The hearts-and-flowers toll at S.P.E. consisted of five marriages, three engage ments, and one pinning. Karl Berg gren married Polly Dunham and is now with Buffalo Forge Co. Will Applegate tied the knot with Nikk St. James as did Dick Allen and Barbara Jewell. Dick and Will are work ing together for the State of Vermont Bob Padget said "I do" to Ruth Anderson, and George East turned up married to Lois Barnett. Engage ments included Joe Jiuness to Geor gina, Glen From to Lonnie Mitchel and Lawson Hill to Marcia Pearson Bob Allen's pin is on Lois Prince Looks as though Sig Ep will be having stogies for breakfast, lunch, and supper.Lambda Chi's social committee got right on the ball this year, and October 8 saw the house turned into an Indian reservation. No shoes, ties, or coats were allowed. Dancing and group singing brought the successful evening's entertainment to a close. Many more equally enjoyable evenings are scheduled for the future. The welcome mat was dusted off for Herb Brown, a transfer to the sophomore E.E. course from the University of Cincinnati, and Bob Stengrad, class of ' 45 , who has returned to graduate work in the Chemical Engineering Department. He has been an instructor in chemistry at Mass. U. for the past two years. Phil Blair and John Hunter returned from the summer vacation wearing gold bands on the third finger, left hand. Hank Styskal has been going out to Holden so regularly since he pinned Shirley Johnson that now the bus waits for him.
Phi Sig house has been undergoing its biggest renovation in years. Paint, wall paper, desks, rugs, beds, and new flooring kave been poured in unsparingly, and the place really looks sharp. Jack Hawley, Ken

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lot happier lately, despite Tech worst. It may have something to do with the fact that Jean Hathaway Patricia Cate, and Beatrice Collins are wearing Phi Sigma Kappa pins
Theta Chi also went in for a big ace-lifting. The kitchen has been redecorated and outfitted with new equipment, and the whole downstairs is really a knockout. They even chased the moths out of the moose head. The dark room now boasts new, modern enlarger, and Theta Ch wishes to thank sincerely every one of you who bought raffle tickets. Len Fish, Norm Maynard, Bob Miller Dave Flood, and Norm Olson have left the bachelors' corps. Lee Murray and Art Smith are now attending Clark University. A scavenger hunt spiced up by several carloads of Clark femininity, topped off the celebration of our victory over A.I.C
Theta Kap's social committee al owed no grass to grow under its feet after school opened. A roof-raising house party was held Saturday, October first. Numerous gals from Cedar Hall, reported to rank tops with Dick Boutiette, John Feldsine, and Jim Sullivan, served to make the affair : grand success. Joe Gwiazdowski, Ed Luiz, and Ray Blanchet turned down that long road of no return as they took their marriage vows this summer, while Gus Gosselin announced his engagement. The beginning of the fall term found Jack Tracy back at the books after a hitch with the 82nd Airborne Division. Gino Santandrea, Al Letourneau, and former basketball captain Steve Ucich dropped in to see how things were going at T.K.P. Also back for a visit was former Tech News editor-inchief Jack Mullaney, now a student at Boston University.

A schedule of social and sports activities for the present school year has been drawn up. If you wish to schedule a social function involving the entire student body, it would be to your benefit to consult this schedule as to the best date available. Your cooperation is necessary for your own success. You may avail yourself of this schedule through your Tech Council representative.

## Worcester Telegram

## The Evening Gazette

## Sunday Telegram

Radio Stations WTAG and WTAG-FM

Opens With Big Success

Tech Third Win and Junior Fall Dance Mark Social Debut

Tech's social season opened spec tacularly last Saturday night, October 14, as the Junior class did the honors. The Class of '51 sponsored Fall Sports Dance in the Alden Memorial Auditorium where Tech's own dance band, the Boyntonians provided the music in their season's debut.
Spurred on by worthy motives, the Juniors left no possibility unexplored in their efforts to make the occasion both entertaining and prof itable. Their goal once firmly in mind, they did not even balk at es tablishing new precedents. Several Freshmen will attest to the "leave no tone unturned" attitude of their Junior big brothers. These Frosh became paying customers at the Fall Sports Dance thanks solely to the endeavors of the Juniors to fix them up with dates. Never before has such a bond existed between two Chsses at Tech
By now you probably picture the Junior class as a group of mercenary individuals who spend their meetings counting the coins in the class coffers. In all fairness to them, it must be said that this conception is not entirely correct. While the driving force behind the Fall Sports Dance was a dollar sign, the financial results of the dance may benefit the Seniors, Frosh and even the erstwhile targets of the 1951 Vigilantes. Whatever profits arise from the dance will be used to reduce the price of admission of the Junior Prom next Spring without impairing the usual high standard of the event.
With the afternoon victory in football over AIC and the Junior dance everyone who attended will attest the beginning of a successful Tech social season. Thanks must be given to the efforts of the dance committee and to the stellar performance of the latest version of the Boyntonians. Jack Eston and Rod Horton were co-chairmen of the dance committee composed of Gus Gosselin, Hank Demarest, Tom Hodgett and Frank MacPherson. The dance showed that the Juniors made wise selections for this committee and, also, that the Boyntonians have lost none of their musical excellence of last year. The Tech musicians have come up with some capable replacements for the men who were lost last year. The permanent makeup of the organization is still indefinite, but if Saturday night was any indication, the current school year will see some top-notch dance music on Boynton Hill.

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## GREAT ARTISTS AT 90TH YEAR MUSIC FESTIVAL

On October 24 through October 29 the ninetieth Worcester Music Festival will be held in the Memorial Auditorium. For the sixth consecutive year the Philadelphia Orchestra will participate in the series of six concerts. Eugene Ormandy will conduct three subscription concerts while Alexander Hilsberg will lead the Concert of Familiar Music and Concert for Young People.
Monday evening, October 24, offers a lighthearted prelude to the Festival proper. It goes on the theory that familiar music is great music, when well performed.
This year's "Familiar Music" is of two kinds: that which is recognized by name, and that which appears strange on the program, but proves on hearing to be familiar from many shows and radio performances. The works on Monday's program will See FESTIVAL_Page 6

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## CAMPUS CLUBS REPORT

The Radio Club has started off this year with a bang. Its transmitter is now in full operation and the Worcester Tech Radio Club is definitely holding its own with its new equipment.

The first formal meeting will be held soon which will include a demonstration of the station and also a guest speaker will be present. Al Gluson, who holds the world's longdistance record at 1200 mc , will give us an interesting talk on his experience breaking the record.
Watch bulletin boards for the date.
The First meeting of the Newman Club for this year was held on Tuesday evening, October 11, in the Janet Earle Room. Father Smith, member of the physics department at Holy Cross, was the guest speaker of the evening. The subject of his talk was an expedition to Siberia conducted by the National Geographic Society, Father Smith was a member of the group which was to witness an eclipse of the sun. In one respect the expedition was a failure. After travelling six thousand miles it rained on the day of the eclipse. The expedition did, however, present a fine opportunity to see the people of that region. Father Smith devoted a considerable amount of time to the description of the customs and workmanship of the Russian people.

Many freshman attended the meeting and became acquainted with the other members after the meeting at which time refreshments were served
An important meeting of the Masque was held on Wednesday, October 12, in the Janet Earle Room in Alden Memorial.
An election was held at this time for the office of president. Stuart Leonard was chosen to succeed Don White.

Other officers directing the Masque are Hank Demarest, Stage Manager; Andy Anderson, Publicity Manager; Gerry Atkinson, Business Manager; Varkie Sohigan, Secretary; and Maurice Gosselin, Student Director
Plans were discussed for the annual play which is to take place in May as well as preparing for the one act play which is to be held in De cember.
A surprising number of freshmen were present at the meeting along with a great majority of the older members.
The Masque is under the capable direction of Mr. Hollows of the Eng lish department.

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## PRESIDENT AND REYNARD SPEAK AT ASSEMBLIES; CLASSES MEET

On Wednesday morning October 5, Mahan as class Historian. May 6 1949 President Cluverius presented 1949 was set as the date for the Junhis annual address to the faculty and students at the first general assembly of the year in Alden Memorial Prior to the president's address, Dean Swan read the honor list of students for the spring term of 1949 . The necessity of getting results was stressed by the Admiral. He pointed out to Tech men that getting results in their school work, and any other thing which they may undertake in the future as professional men, would insure them of success.
Special class meetings were held on Wednesday morning October 12 1949 in order to enable upperclassmen to complete elections and also to discuss any new business for the future school year.
The Senior Class completed its slate of new officers by electing Philip Wild as Treasurer and Richard Mc

FESTIVAL-From Page 5
fall almost without exception into these two classes.
Tuesday's concert will bring Eugene Ormandy to the podium in a colorful and ingratiating program. James Melton, famous radio and opera tenor, will sing arias with the orchestra before and after intermission.
The Festival's new music director, Boris Goldovsky, will conduct singers and orchestra on Thursday evening Friday's concert has always contained a major symphonic work. Beethoven's Seventh, considered one of his more important symphonies and which narrowly missed being programmed in 1948, is welcome indeed this year.
The Concert for Young People will be held as usual on Saturday morning at eleven o'clock. The pattern is that used for many years both at Philadelphia and in Worcester. Explanations of the orchestral instruments and demonstrations of their
range and tone are followed by a program of actual orchestral selecions representative of various schools and styles.
Saturday evening's concert will climax the Festival with a strong symphonic program, also giving the chorus a glamorous role.
Single concert tickets are now available, and advance registration accompanied by check may be sent at any time. Early application is suggested for preferred locations.


