

I. F. "ALPENFEST" SCHEDULED DEC. 6

WORC. TECH HONORS THE MORGAN FAMILY

Management School Opens Tues., Oct. 29

Every Tuesday night during the school year, men from the different industries in Worcester come to Tech to go back to school and to learn more about management and to gain skill in solving problems that arise in industry.

This school, The School of Industrial Management, provides a four year program of related study to supplement the work experience already gained through service in industry. It includes eight semester courses for mature study which centralizes the development of manpower management skills needed for executive activities. The facilities of Tech are opened to this school which is under the direction of Prof. Albert Schwiager and the assistance of Prof. Edwin Higginbottom.

The School of Industrial Management has received the increasing interest of all of Worcester's growing industries. The human element, and the success of group study along with the need for an enlarging experience for supervisory and middle-management personnel has promoted the establishment of this school.

The program of study was designed by representatives of industry and a

group of the Tech faculty to meet the practical needs of industry. The course is kept as flexible as possible to include group participation and the development of group spirit.

These classes offer employees of different firms the opportunity to exchange problems and to acquire a broader background of experience and understanding. Along with this the students are given actual problems that have arisen for industry to solve.

Membership in each year's class is limited and a person must be a mature individual who has industrial experience. He also must show an earnest desire to work hard and to use his experience gained through this school skillfully. Along with this his firm pays for his tuition which makes this school self-supporting.

Tuesday, the 29th of October, the students of The School of Industrial Management are holding a short cider and donut party to welcome in the freshmen. Each senior will take a frosh and introduce him to his fellow classmates.

Tech Auto Club Plans Activities For 1957-1958

The Tech Auto Club has elected new officers and planned a full year of interesting activities. New president is Roger Pekrul, with Tom Waage as vice president, Joel Nelson as secretary, and Tony Engstrom as treasurer.

Leading off the future activities will be a rally on November 3 at one in the afternoon. All students of W.P.I. are invited to participate in this event which starts from the parking lot in front of Alden.

Other activities will include more rallies, gymkhanas, a concourse de elegance, field trips, and an auto show. The biggest project will be the construction of an experimental automobile. Already the Club has acquired a very complete set of auto tools donated by the New Britain Tool Company. Permission has also been granted for the group to convert the Riley House Garage into an automotive research laboratory. Work on this will begin as soon as the maintenance department moves out of the garage.

All students interested in any phase of automotive activity are invited to attend the next meeting which will be October 31 at seven in Salisbury 311. A movie on how to drive a sports car will be the highlight of the meeting.

ASME MEETS ON NOV. 12

The next meeting of the ASME will be held November 12 at 7:00 P.M. in Higgins 109. The subject of the meeting will be the place of mechanical engineers in the chemical industry. Mr. John R. Brand, Assistant Director of Mechanical Development Laboratory, E. I. DuPont Nemours and Company, will be the speaker. A movie, "Research and Development", which pictures activities of mechanical development engineers in the chemical industry, will be shown.

See ASME—Page 6

RADIO CLUB ANNOUNCES NEW PLANS

The Radio Club has drawn up a set of plans for proposing a campus radio broadcast station similar to WORC. This idea is still being investigated and a more specific plan will be set forth in the near future by this club.

An unusually large number of interested freshmen attended the radio club's first meeting of the year and if this is any indication, then the club will be able to carry on its hope of a radio station.

The club has reconditioned the radio station which can now be operated on shortwave bands. Many of the freshmen are hopeful of obtaining an amateur radio license and to carry their hopes further the club has planned a program for code practice and lessons on theory needed to pass the government examination.

Various lectures on radio operation and theory and a work party to help build the new final amplifier that is still on the drawing boards are just a few of the radio club's future plans. Also planned are field trips to the Radio League Headquarters in West Hartford and several radio stations in Boston.

—SONGFEST— TO BE HELD NOVEMBER 8

The Pi Delta Epsilon Song Festival trophy will be the prize given to some fraternity on November 8, at the Alden Memorial Hall. Starting at 8:00 P.M., octets from each fraternity will compete in an attempt to win this coveted trophy.

See SONGFEST—Page 6

192-STUDENT DORMITORY UNDER WAY

Worcester Polytechnic Institute will name the first building in its five and one half million dollar development program—Morgan Hall. Honored is a Worcester family active in Tech's administration for three generations, dating back to the college origin.

The decision of trustees was announced Saturday by President Arthur B. Bronwell. The building is the 192-student dormitory and dining center along Institute road overlooking the athletic field and Park avenue. Contract for its construction for \$1,299,887 was awarded several weeks ago and work is under way.

The first Morgan to serve the college was Charles H. Morgan, 12th trustee chosen in 1866, a year after the school was chartered and two years before it was opened.

He was then superintendent of Washburn & Moen Co., later became president of Morgan Construction and Morgan Spring Companies and was one of the great steel and rolling mill engineers of his time. For 45 years, until his death in 1911, he was largely responsible for the high standards of Tech's shops and its mechanical engineering department, particularly in testing and hydraulics.

His son, Paul B. Morgan, was graduated from WPI in 1890 and headed Tech's alumni from 1904 to 1906. Paul B. Morgan was elected a trustee in 1920 and served in the first west campus development nearly 20 years ago during the tenure of two presidents, Admirals Ralph Earle and Wat Tyler Cluverius.

Philip M. Morgan, third member of his family in direct line to succeed to the WPI board, was elected a term member in 1949 and served on the board with his father for nearly three years, until the latter's death in 1952.

Philip M. Morgan was elected a member of the WPI executive committee in 1952 and subsequently succeeded his father as a life member of the board of trustees.

In February, 1954, he was elected chairman of the college corporation which in 1956 set as its goal five and one half million dollars for the largest development program in Tech's history.

Philip M. Morgan succeeded to the presidency of Morgan Construction Co. when his father, Paul B. Morgan, became chairman of its board. Each received an honorary doctor of engineering degree from WPI for his contributions to science, industry and education.

Cosmopolitans Hear Talk on New Satellite

The first meeting of the Cosmopolitan Club this year was held on Monday, October 28th at 7:30 P.M. in the Janet Earle Room.

The topic under discussion was, "The New Moons: Their Scientific and Social Implications."

The speakers for the meeting were two of the most well-known members

See COSMOPOLITANS—Page 5



COMMUNION BREAKFAST A SUCCESS

On October 27, 1957 the Newman Club of Worcester Tech held its annual communion breakfast at Putnam and Thurston's Restaurant. The members of the Newman Club received communion at the 9:00 A.M. Mass at the Immaculate Conception Church and from there went to the breakfast. For their speaker and guest of honor the Newman Club had His Excellency, the Most Reverend John J. Wright, D.D., Bishop of Worcester.

Working with the Newman Club is Father Riley from the Blessed Sacrament Church, here in Worcester. Father Riley will be in the parlor of Sanford Riley Hall every Monday from 4:00 P.M. to 5:15 P.M. Students of Tech are encouraged to visit Father Riley and to discuss their problems with him.

Edin Company Exhibit at Tech On October 30

On Wednesday, October 30, the Edin Company of Worcester will have a mobile exhibit on campus. The exhibit will be on Strain Gauge Equipment which the company manufactures. All interested staff and students are invited to visit the exhibit any time during the day. It will be located at the rear of the M.E. building.

Orchestra leader Harry Marshard, "Mister Society Dance Music," and his band will provide the music for Tech's Interfraternity Ball which will be held at Alden Memorial Hall on December 6th.

The theme of the Ball will be ALPENFEST... the band will be on the front porch of an original Swiss Chalet. The dance floor will be circled with snow banks and an Alpine forest.

After the individual fraternities choose their queen, a committee will then select a queen who will rule over the I.F. weekend.

Harry Marshard will provide continuous music with his own Dixieland group at intermission time. Harry Marshard's name is synonymous with the best in music for dancing, and for a quarter of a century the Marshard Orchestras have been an institution of the "champagne circuit", the Ivy League colleges and the best hotels.

In a field of music where competition is keen, Marshard has become outstanding for two reasons: he has specialized in dance music and he has maintained the finest standards of selections and performance.

As a result, Marshard is not only one of the highest paid band leaders in the country, but an artist whose clientele represents the uppermost segments of social distinction in the United States.

Frosh Dump Sophs. Into Icy Institute Pond

The Freshmen did it again while the Sophomores took their annual bath. It was an exciting and grueling battle with

See ROPE PULL—Page 6

The Humanities on the Congo

"Bongo, bongo, bongo. I don't want to leave the Congo. No-no, no, No-no, NO!" Ten years ago disc jockeys nationwide fed this lament of a wailing savage to Americans in generous Hit Parade servings. Although it was far from being "blues" in tempo, the lyrics offered a heart-rendering plea for salvation from the repulsive complexities and atrocities of modern civilization. The cannibal, fresh from the doldrums of the heart of darkness—unclothed, unshaven, illiterate—saw no advantages to being hit by auto-mo-biles, and having his bare feet stepped on by high spiked heels (which civilized women sometimes wear). By now he must be contented back on the banks of the Congo, having left us victims of modern life to struggle on in our civilized state. No one seems to have paid any attention to his condemnation of civilization even while they hipped and humped to the song's Latin beat.

So we are still today confronting a civilization which becomes steadily more civilized—including higher fins on our auto-mo-biles and more member nations in the U.N. Although a few may lapse for a fleeting moment now and then into the fantasy of a tropical isle existence (especially if the dream is glossed with 100 favorite books, 50 favorite recordings, Pogo, Peanuts, and most of the other advantages of civilization) most of us don't get anywhere tropical and are stuck, for the better I'm inclined to think, with the civilized modern world.

The only problem is, "How can we beat it?" The answer is that some can't. Others can—more or less, depending on how well they are equipped for the job of living here. The humanities and all other areas of knowledge not related directly to the busy task of making a living may be considered here as a type of equipment for living. Of course, you can live without the humanities, but not so well. Perhaps it is even more true that you can make a living without the humanities, but again, not so well.

Before I attempt to explain any of this, let me explain what I think the humanities are. People are often indefinite as to what they actually mean by the term "humanities." They may know that the dictionary says something about "branches of polite learning" and "conducive to culture," but this is not much help. So instead of defining this vague term "humanities" with a couple of other equally vague terms, let us say that the humanities, first of all, deal with those subjects which concern man as opposed to matter. The humanities are not studies of the physical world—physics, and chemistry and engineering are examples of studies outside the humanities. But man is matter. He has mass, as any bathroom scales will prove. So we must exclude also biology and physiology and medicine which are concerned with man's body as opposed to his mind. Two other broad areas of knowledge remain. Both deal with man and his relationship to his physical world, and with the occupants rather than with what is occupied.

The social sciences are, more often than not, called humanities. History, for instance, certainly deals with mankind itself—with "his-story" according to my grammar school teacher. Political science is concerned with governments of mankind, and economics deals with the almighty dollar, a concern important enough to every human being. These social sciences focus on the study of mankind in relation to his world—his physical world and his social world.

If we choose, therefore, we may further distinguish between the social sciences and the humanities by taking our cue from the word "social." We may give the social sciences an identity of their own as subjects which deal more or less with man's relationship to other men in the physical world.

I hope this does not suggest that the humanities, in the strictest sense, are just the left-overs. Not left-overs, any-

way, in that they are the least important, least wanted, and least needed. Rather, the humanities are the basis of a starting point in the study of mankind, for they are those studies concerned most with the individual himself, and the individuals of the groups or societies or cultures of the physical world. The humanities subjects are studies of the human being at the core, the creations of the individual mind and spirit—literature, art, music, philosophy—all products of the imagination, thought, judgment, taste and genius of mankind as individuals, past and present.

Thus, if we are to draw a line between the humanities and the social sciences, we could say that the humanities are the study of the creative results of individuals—writers, artists, thinkers, musicians, and leaders in any field, the great biography being no less the province of the humanities than the great novel, play, painting, or symphony. The study of the best products of individual effort, then, constitutes the humanities. We recognize and must always take into account that "no man is an island." And just as the individual may influence his society, so may society influence him. Even so, the individual is a starting point, for what he finally does, or does not do; what he finally creates instead of something else; what he finally accepts, and finally rejects, is an internal decision. To try to understand, to evaluate, to appreciate the outcomes of these individual decisions, whether they result in a Mona Lisa, a Willy Loman, an oratorio, or an idea, is the study of the humanities.

With this distinction in mind between what I have called the humanities and the social sciences, and without getting into a discussion of relative importance of the chicken or the egg variety, let me examine briefly some of the values which may accrue to those who sincerely study the humanities.

Most obviously, these studies will give a student of them knowledge of "the greatest individual achievements of his time and before it, individual achievements in literature, music, art, and philosophy," achievements already established as worthy of continuing human attention and study. "These are classics, my son. They are no longer on trial, but you are." Thus it is only by becoming acquainted with such achievements that a novice can test himself, his tastes, his judgment, his ability to understand and appreciate. As a result of sincere effort and a desire to understand them, the student of the humanities may develop insight, judgment, and taste for the higher accomplishments of his civilization. He is then equipped to enjoy these things, and more important to the world, he is equipped to judge the achievements of his contemporaries and to endorse their preservation for his followers. He is in a responsible position—that of making a modern classic to be.

But the humanities are important too for their value in equipping a person to understand himself and others. No individual can understand others and his relation to them any better than he understands himself. After he knows what there is to choose from, has developed understanding and appreciation of these things, he must still face the task of selecting from the vast area of what is good, what is best for him. He must, for example, bring into focus from all of the ideas he has encountered, evaluated, and judged, those which shall be his own beliefs—philosophical, moral, religious, political, social. When he has made these choices and understands them, he has a guide to success and happiness inwardly and outwardly. He can never choose wisely if he is either blind to the choices, or inept in judgment. In brief, studying the humanities first extends the student's knowledge of achievements in the areas of universal human concern. And second, studying these accomplishments and coming to understand and appreci-

ate them develops the individual's imagination, insight, and judgment—thereby equipping him to find self-understanding and peace of mind and greater success in his dealings with others.

These values of the humanities have never been questioned, but they are being more and more insisted upon as the world population is constantly rendered more intimately related on this planet. Engineers, of course, will find the study of humanities valuable and rewarding only for the reasons that they are valuable and rewarding to all human beings, because the engineer is an engineer only by profession; by nature, he is a man—a man of knowledge, judgment, responsibility, imagination, and taste. The degree to which he is well equipped in these qualities depends upon the extent to which he has had the opportunity to develop them. That is why engineering educators throughout the country are insisting more and more upon the humanities as an essential aspect of the training of engineers.

Their plea, of course, is not for the humanities alone, but for more humanistic-social training. "There is a conviction which is permeating the pro-

See THE HUMANITIES—Page 6

ART SOCIETY

The second in a series of full-length feature movies will be presented by the Art Society this Friday night, November 1. It will feature the well known British comedienne Moe Guinness, whom many students no doubt appreciate as one of the finest actors on today's screens. The feature is *The Lavender Hill Mob*, a tale of intrigue that becomes almost ludicrous at times, and which is guaranteed to keep Alden Memorial in stitches from start to finish.

Admission is free to Art Society members and their dates, and Membership cards will be available for students not yet members in the organization. The membership fee of one dollar entitles the student to attend all Society-sponsored movies and lectures at no additional cost.

Copies of the new Constitution of the organization are posted on all major bulletin boards on campus and may be read by those interested. The Constitution will be proposed for acceptance this Friday before the movie.

Let's have a fine turnout for this feature length show which will also include a 10 minute short on Science that will interest all. The starting time will be 7:30 as now scheduled. If there is a rally for the RPI football game, then

ON OTHER PAGES—From Page 2 seventh annual homecoming Masoch Saturday Night. It was almost cold enough so that the losing team had to break through the ice. Ces La Vie! Also featured in the Aqua Show was the Mount Holyoke Water Ballet Team. To round out the show agenda there will be an inter-fraternity pajama race and a water-polo match.

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the movie will begin immediately after the rally. So c'mon guys, come stag or drag—see you Friday!
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Meet Bill Hancock

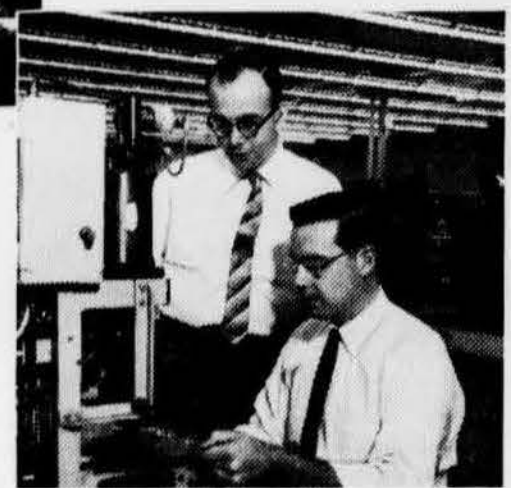
Western Electric development engineer



Bill Hancock is a graduate of Pennsylvania State University where he majored in industrial engineering. Bill joined Western Electric as a planning engineer in November, 1951, at the Kearny Works in New Jersey. Later, he was assigned to the new Merrimack Valley Works in North Andover, Massachusetts, as a development engineer. Here Bill is shown leaving his attractive New England home for his office while his wife, Barbara, and their daughter, Blair, watch.



Bill's present assignment at Western Electric: the development of methods and machinery for assembling one of today's most promising electronic developments—electronic "packages" involving printed wiring. At a product review conference Bill (standing) discusses his ideas on printed wiring assemblies with fellow engineers.



Bill and his supervisor, John Souter, test a machine they developed to insert components of different shapes and sizes into printed wiring boards. The small electronic packages prepared by this machine are being used in a new transistorized carrier system for rural telephone lines.



Sailing off the north shore of Massachusetts is one of Bill's favorite sports. He also enjoys the golf courses and ski runs within an easy drive from where he lives and works.

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RENSSELAER NEXT FOR THE PRITCHARD ELEVEN

With the Coast Guard game safely tucked in their win column, the Worcester Tech football forces now turn their attention toward Rensselaer Polytechnic Institute. This clash, between two outstanding engineering schools, will take place at Alumni Field on Saturday.

In comparing the records of the two teams, the Boynton Hillers seem to have a decided advantage. R.P.I. has won only one game, that against King's Point, but have made every contest close with one exception. Last Saturday, Middlebury thrashed the New York squad, 41-0, at Troy, New York. Since Middlebury edged Worcester, 7-3, the comparative scores would indicate a victory for the Pritchard eleven.

R.P.I. uses a split T offense, mixing up their ground and air games effectively. The team is quarterbacked by left-handed passer named Killian. He knows how to exploit a team's weaknesses and will throw accurately when the situation demands long yardage. When R.P.I. is running the ball, the

two backs he will usually call on are the halfbacks, Dignazio and Perry. Dignazio, incidentally, is only 5'3" tall and weighs 138 pounds.

The Rensselaer line is about par with Tech's on a weight basis, give or take a few pounds. Perhaps their outstanding lineman is Brown, an end, who is usually the target of Killian's passes.

It should be pointed out that Rensselaer has been hard hit by the Asiatic Flu. One of their games was postponed, against Union College on Oct. 19, because of this illness and some of their players are just returning to the starting lineup after jousts with this flu. It is likely that they may be at full strength for the first time in some while against Tech.

To sum everything up, it should be an exciting game. With the Rope Pull Dance that same Saturday, it should be quite a full afternoon and evening. Why don't you call up your best girl and make a day of it, November 2nd, starting with the game against Rensselaer.

Tech Squeezes By Coast Guard At Jones Field

Worcester Tech drove to an early lead at Coast Guard Academy at New London, Conn., Saturday and held on to their lead for the rest of the game as they won their third straight away game 20-14.

It was a pass interception by 145 lb. Bob Kieltyka that proved to be the winning margin over a Coast Guard team that returned after half time so spirited up that they outplayed the visitors the whole second half.

Tech took the opening kickoff and moved to two first downs before being forced to punt. The second time Tech got the ball they found themselves on their own 17 yd. line. It took three running plays by Kieltyka, Ferrari, and Tufts to bring the ball to the Tech 40 and a first down. After two plays with no gain, Don Ferrari went through a hole provided by the right side of the Tech line, broke into the clear and went all the way without being touched as right-half Bob Kieltyka threw a fine block to take out the Coast Guard safety man, Ron Pokraka's extra point attempt split the uprights and Worcester led by 7-0 with 12:15 gone in the game.

Coast Guard, unable to move after the following kickoff, punted to the Tech 30, and Kilt returned it to the 35. On the next play Kieltyka took off around left end and went 34 yds. before he was brought down on the Coast Guard 31. As the quarter ended, Bronzino then went over left tackle for 9 and Pearsall went 7 more on a bootleg for a first down on the C.G. 15. Bronzino went over from the 4 for the tally four plays later. Ron Pokraka's kick was wide and Tech's lead was 13-0.

In the remaining 11 minutes Coast Guard was still unable to move but managed to stop the Tech offense.

Coast Guard came from the locker room as an inspired team. Pokraka's long kickoff was returned to the 28. On 3 plays Coast Guard was just short of a first down and was forced to punt. Tech, still unable to move, punted to the C.G. 20 yd. line where Paul Lewis returned it to the 34. After a Walther pass complete due to an interference penalty, an offside penalty and Walther

See COAST GUARD—Next Column

ENGINEER SOCCER TEAM RECORD STANDS AT 2-4

Hampered by injuries and the victim of sickness, the Worcester Polytechnic Institute soccer team has a record of 2 wins and 4 losses, entering their game with Lowell Tech this afternoon. The booters got off to a poor start, losing the first two games of the season to the University of Massachusetts 6-2 and M.I.T. 4-1, the scoring done by Amrhein, Zidziunas, and Szypula in these two games. Then the King's-men found themselves the center of an inter-city rivalry in the form of a much publicized game with Clark University. Despite the large Clark crowd that joined in the "trek to Tech," the Engineers seemed to exploit every advantage in this tilt, and with tallies by Zanini and Zidziunas in the fourth quarter, they sent a disappointed Clark assemblage home at the short end of a 2-0 score. The Homecoming Day contest against Coast Guard Academy was marred by rain, with little pools of water scattered all over the field. The muddy field failed to dampen the spirit of the W.P.I. team, and Tech won 2-1. Monks scored for W.P.I. in the first quarter, Coast Guard tied it up in the third quarter,

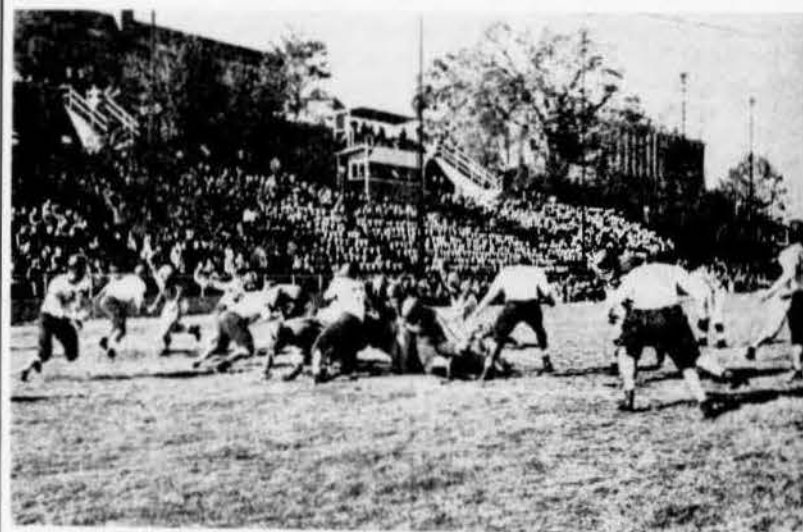
and Amrhein scored the winning goal with less than one minute left in the game. The poorest game of the season was against Boston University. Everything that Tech did seemed to further the B.U. cause, even to the accidental B.U. goal scored by a Tech man, with no opponents around. Wind was partly to blame for the difficulty experienced by W.P.I., but this fact alone cannot explain the 3-0 loss to a seemingly poorer team. Last Saturday the soccer team traveled to Tufts, where they lost 2-1, in a game which seemed to give all the lucky breaks to the opposition. Szypula scored the only Tech goal, in the third quarter, but numerous other chances for an Engineer tally were lost. Today the team travels to Lowell Tech, and Saturday they play one of the leading teams in the country last year, Trinity, here at Tech.

The starting team at present is:

Goalie—Ripple; Fullbacks—lf, Abraham, rf, Dworkin; Halfbacks—lh, Heefner, ch, Puddington, rh, Caste; Linemen—lw, Helman, il, Zidziunas, cf, Monks, ir, Szypula, rw, Zanini.



CASTE BOOTS ONE



UP THE MIDDLE?

COAST GUARD—From Column 3

pass, Coast Guard had a first down on their own 46. Here Lewis took over to run to the Tech 45 and a flat pass to the Tech 22. Captain Frank Grundman went over 8 plays later for C.G.'s first score of the day. Acklun's kick brought Coast Guard within 6 pts., 13-7.

Coast Guard, continuing to bottle up the Tech offense, began to move after receiving Kieltyka's kick on the 29. It looked like they meant business and might go all the way until Kieltyka snatched the ball out of the air on the sidelines and ran 48 yds. with some fine Tech blocking for the touchdown. Pokraka converted to make the score WPI 20-CG 7.

Coast Guard was still fired up and Lewis after returning the kickoff 27 yds. to the 30 took a pass from quarterback Roger Walther on the Tech 44. Reserve Terry Lucas seemed to take control here as he carried 5 of the next 8 plays gaining 26 yds. the final two for

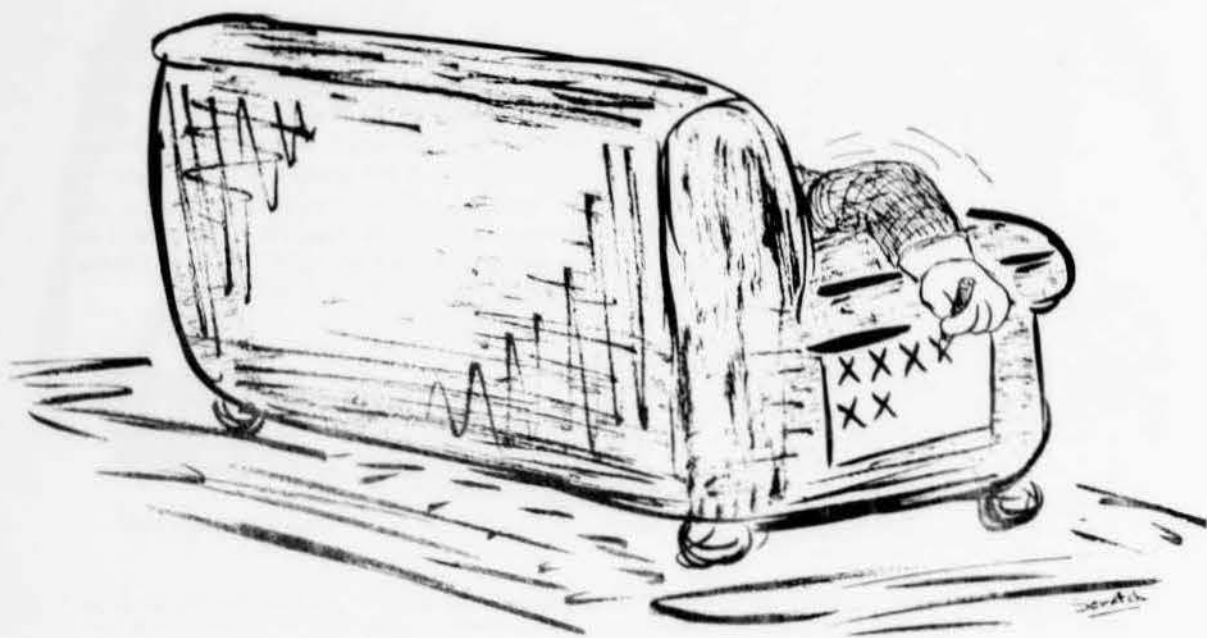
the score. The kick by Acklun was good.

Five minutes later CG seemed touch-down bound again but Fred Costello intercepted on the Tch 21.

With one minute left in the game CG was again knocking at Tech's door and seemed certain to score. The threat ended when Joe Bronzino recovered a Terry Lucas fumble on the 13 yd. line. Tech ran out the clock on 3 plays.

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CROSS-COUNTRY RUNNERS WIN FIRST IN THREE YEARS

Perseverance ultimately leads to success. The Worcester Tech Cross-Country Team proved this by winning their first meet in three years, a 26-30 decision over New Britain Teachers last Saturday. Dave Bragg captured first place while Thang Sein, Bob Whittum, Bob Carpentiere all placed among the top ten finishers.

Previous to this well deserved win, Tech met a powerful Brandeis team and were able to hold them to a tie, 29-29. Tech's first man in this meet was Dave Bragg who ran third with an over-all time of fifteen minutes and fifty-five seconds over a short course of about three miles. Sein followed Bragg, coming in fourth, Whittum sixth, Carpentiere seventh and Coniaris ninth. The winning time was 14 minutes and 35 seconds.

Before these meets the runners lost three meets. (Incidentally, for those sport fans who don't know how the scoring is kept in cross-country, the winner is that team who stacks up the least amount of points. Strangely enough, they are referred to as the loser.) The first meet Tech lost to Amherst, Bowdoin and Brown. In the second meet, Tech lost to Wesleyan at Middletown over a 4.3 mile course.

The Engineers scored fifty points to Wesleyan's fifteen. In the third meet, which was run on homecoming day, Tech lost to Northeastern by a score of 18½ to 43½. Mal Hill of Northeastern came in first and Dave Bragg jaunted home second with Sein coming in eighth, Carpentiere tenth, Whittum eleventh and Frisvold twelfth. The winning time for the 3.7 mile hilly home course was 20 minutes flat. Bragg ran it in 20 minutes and 10 seconds, the fastest time over our course by a Tech runner in four years.

Like everything else the flu has reduced the potential strength of the cross-country team. However, captain Mike Galbraith expects to show even better results than he has, when the team has resumed full strength. There are seventeen members on the squad with many freshmen, and each improving with every meet. Joe Carpentiere seems to be the promising first year man.

SAE Undefeated In Annual Greek Volleyball Clash

THE STANDINGS

	WINS	LOSSES	TO PLAY
SAE	6	0	2
PSK	4	1	3
TKP	4	2	2
ATO	4	2	2
AEP	3	3	2
TX	2	4	2
SPE	1	4	3
LCA	1	5	2
PGD	1	5	2

Long before basketball season begins the Alumni Gym is buzzing with activity. From the outside it sounds as though the roof will cave in, while inside fraternity men gather in little groups on both ends of the gym. What is it? It is an annual occurrence, namely, Interfraternity volleyball. This year is no exception, and since October 8 there have been four teams competing daily in the gym. The results of these games as of Friday October 25 are tabulated below.

It will be noticed that SAE is way out in front of the pack with six wins and no losses. This strong squad led by Mo Amin and consisting of such all around players as Jim Christo and Dick Lisbon should have just one test remaining. That is the game with PSK on October 28. If SAE can beat PSK they will assure themselves of the volleyball trophy. However, if PSK, led by Bill Gess, Tom Brand, and Doug Reed can win, they will still have to beat SPE and LCA to gain a tie.

In outstanding games last week SAE walloped both TKP and ATO, while PSK was pressed to beat AEP. After losing the first game 15-13, PSK bounced back to sweep through the next two games 15-3 and 15-7. However, the game which affected the standings the most was TKP's victory over previously undefeated PSK, which was close all the way through the three-game match.

Nautical Club in Tie for Second On the Thames

Last Saturday the Coast Guard Academy was handed a double defeat. The first portion of this twin triumph was administered by Tech's football squad. At the same time something similar was happening on the Thames River. Our Engineers were severely drubbing the Coast Guard Sailors at their own game, namely, sailing. The final standings of the heptagonal meet gave Corby Lenz' crew a triple tie for second place with the Harvard and Yale crews, while M.I.T. placed U. of R.I., Coast Guard, and Middlebury trailed in that order. A first, a second, and two fourth places in four races tell the rest of the story of a fine day for sailing.

COSMOPOLITANS—From Page 1

of WPI faculty. Prof. G. Stannard, of the Electrical Department, gave a keynote address on the scientific potentiality and importance of the satellite while Dr. Johnson, of the History Department, spoke on the political and social implications of the satellite.

This background undoubtedly provided for a most informative discussion.

RECORD REVIEW—From Page 2

Carrie Bean Sings of the Bay Lafonte—The calypso stylings of Carrie Bean and her Babbling Bongo-men are directed toward the lovely Lafonte Bay region of Eastern Hindustan.



Worcester Tech never worked harder for a victory than they did in last Saturday's 20-14 win over Coast Guard. Contrary to reports, the Sailors were a pretty strong club and twice almost pulled the game out of the fire in the dying minutes. Freddie Costello's pass interception and a fumble recovery by Joe Bronzino stopped them. The game was one of changing fortunes throughout. Featuring long jaunts by Don Ferrari and Bob Kiltyka, and a solid defense, the Engineers moved into an early 13-0 lead and appeared headed to an easy victory. But the Sailors came flying back just before the half and were finally stopped deep in Tech territory. The return of quarterback Roger Walters gave Coast Guard a shot in the arm and his pin-point passes, together with some fine receptions by the ends, led them to two second half touchdowns and two near touchdowns. Walters was injured in Coast Guard's opening game and didn't see any action until Saturday. Although the refereeing was certainly acceptable and brought few complaints from either side, the boys from Worcester feel that they were the victims of a wrong ruling by the refs. Here's the situation in the second half: Tech's Bob Kiltyka got off a long, high punt towards Coast Guard's safety man. Seeing the Tech lineman bearing down on him, the receiver raised his hand, apparently signalling a fair catch and when he does this no one can touch him, but he must catch the ball. If he doesn't, it is free and goes to the team that recovers it. Anyway, the Coast Guard receiver misjudged the kick and it sailed over his head and was promptly recovered by the Engineers. But, although they agreed to a fair catch had been signalled, the referees still gave the ball to Coast Guard. It was near their 20 yard line at this time; it would have given Tech a golden scoring opportunity. . . . Tech's locker room after the game was hardly that of a winning team's. Coast Guard's late spurt scared everyone; instead of celebrating the Engineers just sat around talking, feeling somewhat lucky to be bringing home the game football, symbolic of victory. However shaky the victory was, it nevertheless was a tremendous improvement over the Engineer's homecoming display two weeks ago against Wesleyan. It is hard to figure just what happened to the Worcester eleven that day. True injuries had weakened the team considerably, but Coach Bob Pritchard still had enough capable men ready to field a fairly strong team. But a gross number of both mental and physical mistakes made it easy for the Cardinals of Wesleyan to romp. . . . It was a disappointing day to the players, the coaches and all the old grads who returned to see the game. But the Engineers came back last week and are going all out to win their last two games. . . . Just a bit of a coincidence, but Tech has not lost a game away from home for the last two years. On the other hand, they have won only one of five at home over the same stretch. Hard to explain. . . . Add to the previous list of freshmen who have really helped the Engineers the names of George Yule and Tom Pearsall. Yule, although used only sparingly, played a band up defensive game against Coast Guard while Pearsall, in for the injured Freddie Duval at quarterback, held his own in his first start. . . . Speaking of injuries, this is certainly a rough year for Coaches Pritchard, McNulty, and Norcross in trying to keep a starting lineup intact. They have been unable to field the same team twice yet. It all started back in a pre-season scrimmage with Brandeis when Ronnie Pokraka received a shoulder separation, which still hinders his effectiveness. Against Middlebury, both ends, Dave Ryan and Frank Salek were hurt; and missed the next two games. Then came Captain Stew Staples' levelling at Bates, his knee kept him out of the better part of that game. Since these men were all proven performers from last year, all are vital to the Tech eleven. Loss of any one hurts, never mind all four at the same time. . . . And there have been more injuries. . . . But all these men are gradually returning for action and the RPI game may find the original eleven intact once again. Which means look for a vast improvement here on in. . . . Although the Soccer club has been having its troubles, they came up with a great 2-0 win over Clark which will make their season a success, regardless of what else happens. Perhaps the largest crowd ever to watch a college soccer game locally was on hand; a caravan of about 60 cars from Clark came over and a large portion of the Tech student body enthused by the Clark following, went down to the field to root the Engineers on. And root they did, football fans could take a lesson from the war that went up following a goal.

Worcester Telegram

The Evening Gazette

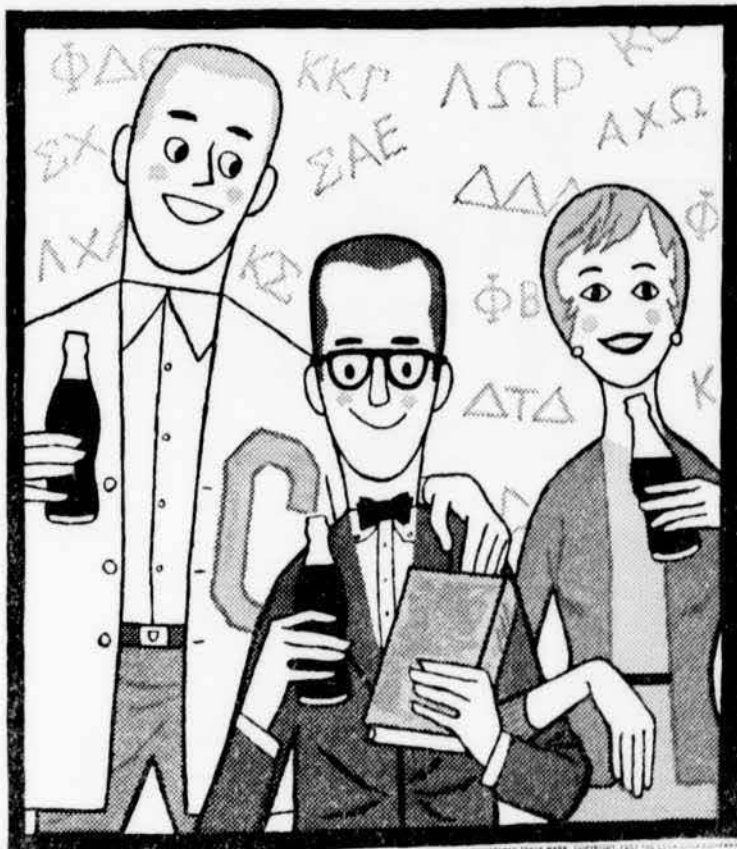
Sunday Telegram

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RAMBLING—From Page 2
 would be the de facto leader. This freed Bossy from all the routine responsibilities contiguous to any title, and enabled her to do important behind-the-scenes work. Under such an arrangement, the herd prospered and production rose. The real trouble came, as was stated previously, when Sarah's feelings toward Bossy went from friendship to jealousy and then to open animosity. Sarah began to realize that she was merely a figurehead and naturally egocentric manifestations of all sorts resulted. This put an added strain on her already below average milk production; by this time she was bordering on the psychotic. One day, thinking that crossing the road to greener pastures would help matters, she did just that. This is when the accident occurred, after which, Sarah was totally incapacitated.

Such a sad tale can not help but direct one to certain conclusions. It is possible that the saga of Sarah demonstrates that all of us, because of our own latent or inherent capabilities, feel that predestination has defined our successes or failures. Just as Sarah failed to realize the advantages of her situation, as shown by the rising milk production of the herd, so are many of us blinded. This perhaps serves to show that success is relative. If this is so then success is also infinite and therefore not attainable in the pure sense. We can then liken ourselves to the jackass whose sole motivation is an ear of corn dangling in front of his nose (suspended from the shrewd Farmer Jones' pole), who, in trying for the impossible, manages to move the cart down the road.

THE GREEKS—From Page 2
 homecoming display, the brothers settled back in anticipation of last weekend. Friday night the Kap's threw open its many doors to the girls (and I mean girls) from Heywood House. Saturday, the greater part of T.K.P. took a trip to Coast Guard, to cheer the boys on. Following the game, the brothers returned to the house for a Fall Frolic Party, which climaxed an-

other successful football weekend. Theta Kappa Phi wishes to announce the recent pledging of Vin Cinquina and Ken Vardian. Even in the rain, S.A.E.'s Homecoming spirit was not dampened. The banquet which was held at the Hickory House was full of life and merriment and termed a huge success. Fred Buma must have thought so too, because he got in a real charitable mood and gave away his pin to Miss Hope Anderson. This weekend the S.A.E.'s party is of a spooky nature, being that it is close to Hallow's Eve. Better nail down your pumpkin 'cause some goblins might be needing them.

Many of the A.E.Pi boys are sporting claw marks. . . . Rumor has it that some mysterious bird has been attacking them. What can it be? The brothers are happy to announce the pledging of Sam Ellin, Irwin Jacobs, Norm Mohler, Allen Mileifsky and Bob Gregory.

The Lambda Chi's came through with a smashing victory in the volleyball game with A.E.Pi and won themselves some glug which they plan to split in the near future. While the extensive work on the homecoming display was exhausting, it proved very fruitful. Whereupon the brothers and alumni enjoyed the rewards of their work at a party held after the Homecoming Dance.

A word of caution to the Greeks on the Hill: "Watch out for next Thursday night! Goblins, evil spirits and witches will be swooping down on the campus; this time they will not be the usual creatures that float about our dark and dreary campus during those bewitching hours." End of Warning. . . .

ROPE PULL—From Page 1
 the superior class as the victors. The Sophomores put up a good fight and for a while towed their rivals to the water. Here the Freshmen showed their mettle; instead of becoming discouraged and panicking, they pulled all the harder in perfect cadence. Inch by inch the class of '61 moved from the pond while one by one the Sophomores were

pulled into the water. This event had decisively shown which is the better class.

The Freshmen are beginning to get tired from the lack of competition. At this rate, they should pick up all 17 points without any trouble and have no difficulty in topping the Sophomores in football. The Freshman line and backfield is much superior to that of the Sophomores.

It is unfortunate that the great class of '61 should have such a weak rival. This year's rivalry would be a great deal more exciting if a good class opposed the Freshmen. This is like a giant crushing an ant. One must admit the Sophomores have given the old college try, but only in vain. Although the class of '61 is unorganized, they are running rings around their organized opponents. Maybe if the Sophomores showed a bit more spirit and enthusiasm this year's rivalry would be a bit more interesting.

THE HUMANITIES—From Page 3
 fession of engineering. It is the conviction that a truly professional engineer is a man who, by his ability for thought and action, can solve new problems which are based in science, but

EDITORIAL—From Page 2
 Therefore, to snuff out the most remote possibility of such smearing, it has been proposed that faculty members be present in the dormitory on the crucial Friday night. This would seem to be a suggestion the results of which, if adopted, could not help but benefit all parties concerned.

Firstly, the various fraternity men who are concerned over the freshmen's solitudinous surroundings could rest easy. Secondly, the dormitory councilors would be protected from the slings and arrows of persecution. Thirdly, the freshmen would be protected from the aforementioned.

Thus the fences would have been figuratively erected and the campus would be much happier for it.

Surely there are enough faculty members among us who think highly enough of our fraternity system to be willing to actively help when the need is apparent. One night a year is all that it asked.

The Interfraternity Council is the body concerned with matters of this nature. It is within its jurisdiction to put the plan into effect. Each fraternity on campus has a representative in the council, and if he is instructed by his house to encourage the adoption of the "Good Fence" policy, then the latter will become fact. Another sorely needed patch will have been added to the quilt.

which have components dealing with people and their interactions. As soon as one is convinced that this is so, education in the humanities and social sciences becomes a practical problem. Education of engineering students in humanities and social studies is the responsibility of all teachers of such students." S. Reid Warren, Jr., U. of Penn. "I hope that none of our engineering schools will take the humanities to be merely a sort of Simonizing job to make the students look shiny. Eventually I hope all engineering schools will consider the humanities and social sciences as an integral and essential part of professional education." E. S. Burdell, Pres. Cooper Union "Our great schools of science and engineering have a special responsibility today to develop new bridges inter-connecting the sciences, the social sciences, and the humanities, and thus to achieve a liberal education that is liberal in the deepest sense of our American civilization." J. R. Killian, Jr., Pres. MIT "The qualifications needed for leadership in industry are developed largely through a liberal arts education." G. W. Chapman, Pres. Yale and Towne Manufacturing Company.

the Union Carbide advertisement in last week's TECH NEWS: "Yes we want engineers, BUT . . . we don't want just any engineer. We want engineers with ideas, engineers with drive, engineers who can stick with a job and work with other people. . . ."

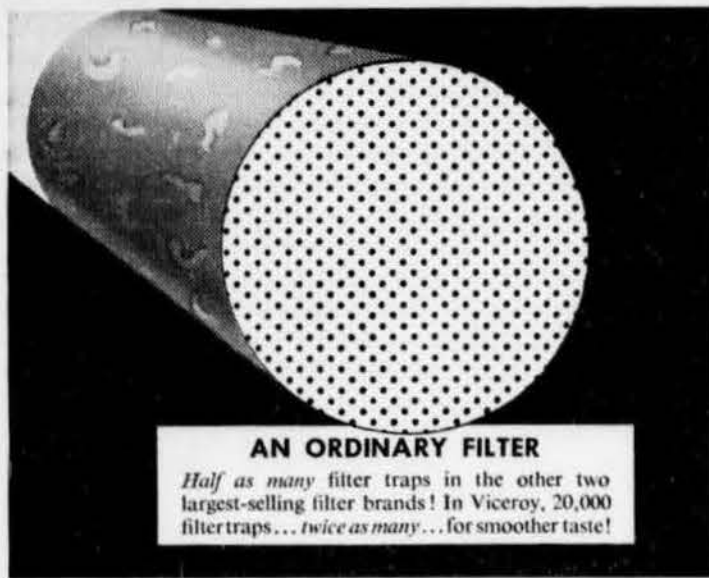
These thoughts and many more like them being expressed by leaders in industry, business, and government, of course, endorse the values of the humanities and social sciences. They suggest not only the value, but also the growing necessity of such studies to success and happiness in a profession and in a civilization such as ours. Opportunities for undergraduate engineering students may be far too few to satisfy their individual needs. There may not be enough time in a busy daily schedule to visit the nearest library, art museum, and concert hall as often as they'd like. But those students who take advantage of such opportunities as do exist, who use what time they can find to join the glee club, the band, the Masque, the Arts Club and other similar activities, and who get into the social sciences and humanities courses to get out of them all they have to offer, are those who will have fewer regrets in later years. The alternative to this, perhaps, is to join Bango-Bongo in his Congo.

ASME—From Page 1
 Mr. Brand attended W.P.I. and received the Bachelor of Science degree in Mechanical Engineering in 1936. He is also a member of the Executive Committee of the Machine Design Section of the ASME.

New members will be welcomed to the meeting and refreshments will be served.

SONGFEST—From Page 1
 trophy. There will be an intermission during the festival, during which the "Jimmie Connors" jazz combo will perform. The competition will continue and the winner of the trophy will be chosen. The festival will be followed by a dance at the Commons until 1:00 A.M.

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