

BAND TO PRESENT ANNUAL CONCERT

A.I.E.E. to Hold Discussion Forum

Have you any suggestions for the E.E. Department? Here's your chance to be heard! On February 26, the A.I.E.E. is going to hold a Student-Faculty Forum with Faculty members of the Electrical Engineering Dept. and students from the three classes.

The discussion will begin with questions from the students concerning the curriculum, the various options, and such related topics. The Faculty will attempt to answer these questions and explain some of the reasons for department policies. When the four students on the panel have asked their questions, the moderator will call for questions from the floor. This is your chance to be heard. If there are any questions in your mind in regard to the E.E. courses you can have them answered then. This forum is not limited to electrical students, but is open to anyone on the campus taking E.E. courses.

The annual Student Paper Contest is coming up on MARCH 26, so now is the time to prepare for it! More details in the next issue of the TECH NEWS.

Classes Hold First Meeting of New Year

The second class meetings here at Tech were held on January 9, 1957, during the regular Wednesday assembly period.

At the Senior class meeting, some issues regarding the coming graduation were discussed. Also, the names of members of the nominating committee for permanent class officers were announced.

At the Junior class meeting, the date of the Junior Prom was announced to be the 26th of April. The Herff-Jones Co. will take orders from juniors for rings on February 11. The class also voted approval to Joe Chenail's suggestion of a Junior Class Stag.

At the Sophomore class meeting, a motion to appropriate one hundred dollars for a *Peddler* advertisement was passed. Script meetings were set for January 14 and 15; try-outs will be held on January 22, from 7:00 to 9:00 P.M. in Alden Memorial.

The Freshman class also voted to buy a one hundred dollar advertisement from the *Peddler*. At their meeting, the names of the nominees for Freshmen class officers were announced. The names will be posted on the bulletin boards in the near future.

Chemistry Club Starts Fortieth Year at Tech

The 300th Meeting of the Skeptical Chymists Club was held recently with Dr. Norman R. Davidson as guest speaker. Dr. Davidson a native of Chicago is a member of the faculty of Cal Tech. He did his undergraduate work at the University of Chicago. From 1937 to 1939 he was a Rhodes Scholar. See CHEMISTRY CLUB—Page 6

To Be Featured at Student Assembly on Wed., Jan. 23rd

At this Wednesday's assembly the W.P.I. Band under the capable direction of William F. Lynch will present its annual concert. For some time now Mr. Lynch, Bill as he is known to those who work with him, and all the members of the Band have been devoting a great deal of time and effort to rehearsals so that they will have a varied and interesting program to present to the student body on Wednesday.

To add greater variety to the program Bill has engaged the services of the baton twirlers of Clinton High School who will entertain with a number of twirling specialties. In addition to the girls from Clinton a vocalist will be featured with the Band. Miss Connie Merrill from Jaffrey, New Hampshire will sing a medley of tunes from the musical hit "Showboat."

Along with all these specialties the usual entertaining audience participation numbers will be on the agenda. From all indications this year's concert promises to be an interesting and entertaining musical program.



James Joyce Featured at Tech Assembly

James Joyce, baritone and comedian extraordinaire, entertained the Worcester Tech student body in assembly on Wednesday, January 16. His rapid-fire witticisms and subtle humor kept the Techmen laughing during his entire performance.

Mr. Joyce came to Worcester after having engagements in Montreal and Quebec, Canada. His background in music includes appearances as guest baritone with the New York, Philadelphia and Cleveland Symphonic Orchestras. The versatility of this man has been further demonstrated by his performances in musicals. Carousel being his latest. Over and above his pleasing baritone voice, the quality of which he demonstrated towards the close of the assembly, was the comic ability that he displayed. It has been a long while since the last time the student body was put so completely at ease by a personage of Mr. Joyce's caliber.

Alpha Tau Omega Fraternity wishes to express its thanks to all the campus for the participation which made our anniversary celebration such an enjoyable occasion.

NEW SLATE ELECTED BY TECH NEWS STAFF

NEW PARKING RULES ANNOUNCED FOR CAMPUS

With the start of second term a number of new parking rules will be put into effect on campus. The rules which were just released by David E. Lloyd, Institute Business Manager, are as follows:

Parking Eligibility

1. All students, using campus parking facilities, must have motor vehicles registered with the Institute. New Institute registration sticker must be displayed on the curb or right side of rear window.
2. There will be a 50 cent registration fee payable at time of second term registration.
3. Students parking a non-registered vehicle on campus will be subjected to a \$5.00 fine.

Parking Regulations

1. PARKING ON EAST CAMPUS IS PROHIBITED.
2. USE AUTHORIZED PARKING SPACES ON WEST CAMPUS. (East side of West Street may be used)
3. DOUBLE PARKING IS PROHIBITED. (Park cars closely together where guide lines are not visible)
4. PARKING ON GRASSED OR NON-PAVED AREAS IS PROHIBITED.
5. MAINTAIN 15 MILE SPEED LIMIT ON CAMPUS GROUNDS.
6. OBEY ALL TRAFFIC SIGNS.
7. PARKING RULES ARE IN EFFECT BETWEEN 7:00 A.M. AND 4:00 P.M. MONDAY THROUGH FRIDAY AND 8:00 A.M. TO 12 NOON SATURDAYS.
8. PARKING IS PROHIBITED IN DORMITORY LOT BETWEEN 7:00 A.M. AND 12:30 P.M. ON SATURDAY MORNINGS.

See PARKING RULES—Page 3

The Registrar's Office has recently announced the schedule of the first term final examinations. The finals will start January 28, and end February 1, with each exam lasting three hours from 9:00 to 12 A.M. The schedule printed below is the corrected schedule which the Institute will use. It differs from the previously published schedule in the location of the History 1 exam for Sophomore Electrics, Stratton 312 instead of 213, and the date of the Physical Education completion January 28 instead of January 30.

	Monday Jan. 28	Tuesday Jan. 29	Wednesday Jan. 30	Thursday Jan. 31	Friday Feb. 1
Freshman	Phys. 1* E Des. E. Lect. Kinnicutt H 109	Engl. 11 Str 202 E Des. Kaven 10 H 215, 221	Math. 1 Kaven 10 H 109 E Des. St 202, 203	Chem. 11 E. Lect. Kinnicutt St 202, 105 St 106, 108	M 21 H 204 H 209
Soph. Mechanics	Phys. 3*	Hist. 1 Kinnicutt	Math. 3	M 23 H 204	M 51 H 109, 212
Soph. Civils	E Des. E. Lect. Kinnicutt St 202 St 203 Kaven 10	E Lect. S 311 H 1 or G 1 Kinnicutt	Kaven 10 H 109 E Des. St 202, 203 Kinnicutt	C 21 Kaven 10 Ch 35 S 311, 312, 205	C 30 Kaven 10 Ch 33 Kinnicutt
Soph. Chem. Eng. & Chem.		Hist. 1 S 312		E 13 E. Des.: E Lect.	M 51 H 215, 221
Soph. Electrics					
Junior Mechanics	M 41 H 204, 215	Ec 1	M 31 H 204, 209	M 53 H 109, 212	E 85 E Des.
Junior Civils	E 851 H 212	H 109 Kinnicutt E Lect. S 311 S 312	C 12 Kaven 116	C 51 Kaven 10	C 52** Kaven 10
Junior Ch. Eng.	Ch 55		Ch 51	M 57 H 221	Ch 56 S 117
Junior Chemists	S 311 S 312		S 311 S 312	Ch 53 S 303	
Junior Electrics	M 41A H 209, 215		E 15 St. 105, 106, 108	M 59 H 109, 130	E 35 E. Lect.: St 202
Senior Mechanics	M 81 H 221, 224	M 47, 91 H 204, 212	M 61 H 204, 212	M 5, 49, 55 H 215	M 45 H 130
Senior Civils	C 42 Kaven 207	C 41 Kaven 207	C 34 Kaven 207	En 41 H 209, St. 308	C 32 Kaven 207
Senior Ch. Eng.	Ch 74 S 117	Ch 76 S 117	Ch 78 S 117, 205	Ch 77 S 117	Ma 11 Kinnicutt
Senior Chemists	P 73 S 210	P 79 S 210	Ch 72 S 308		
Senior Electrics	E 67 St 105, 106 St 108	E 37 H 209 St 105	E 17, 47 H 215 H 21	En 41 H 209 St 309	E 27, E. Des. Ma 11, Kinn.

*Students who have not completed Physical Education report in Gymnasium at 2 P.M., Monday, January 28.
**C 52, 9-11 A.M., Friday, Feb. 1, in Kaven 10.
C 13, 2- 4 P.M., Friday, Feb. 1, in Kaven 10.

NEW STAFF TAKES OVER NEXT ISSUE

With out-going Editor-in-chief Dick Barlow and out-going Managing Editor Bob Beaudet presiding, the TECH NEWS staff elected its Editorial and Business Staffs for the year 1957. Elected Editor-in-chief was WILLIAM CURRAN — Bill is an EE-major from Worcester. A former junior editor Bill has been on the staff for a year. Managing Ed.—JAMES J. HEENAN—Jim is also an EE and former junior editor. He hails from Lowell, Mass.

News Ed.—PETER J. OTTOWITZ—Pete is an EE from Bloomfield, Conn. He formerly held a post on the News as a junior editor.

Feature Ed.—WILLIAM J. O'NEIL—Bill our "On Other Hills" writer is an EE from Plainfield, N. J.

Makeup and Copy Ed.—JOSEPH A. DUDDY—Joe is a Civil major from Brooklyn, N. Y. He has been editing our "Among the Greeks" column.

Sports Ed.—ROGER JOLICOEUR—Rog is an EE from Worcester. He has been a member of the sport's department since his freshman days.

Photo Ed.—HOWARD O. PAINTER, JR.—Howie is an EE from Bloomfield, Conn. He has been a reporter on the news staff.

See NEW STAFF—Page 7

T.K.P. HEARS BISHOP TALK AT BANQUET

Last Sunday, Jan. 20, was the date of Theta Kappa Phi's National Memorial Sunday. A breakfast was held at Putnam and Thurston's restaurant, and His Excellency, the Most Reverend John J. Wright, Bishop of Worcester, was the principle speaker.

Bishop Wright, who is a member of Theta Kappa Phi, spoke on the purposes of fraternity life and asked how well fraternities accomplish them. He mentioned that although lodging and good companionship are a necessary part of fraternity life, these are not the only considerations. Development, the Bishop said, is equally, if not more important. He stressed development in the fields of spiritual life, cultural appreciation, and charitable instincts. These, he intimated, are personal things, but nevertheless things which any fraternity can and should foster.

The Bishop spoke to a capacity attendance which showed its appreciation by a standing ovation.

A.I.E.E. Gives Remainder of 1957 Schedule

February 26, Tuesday

Student-Faculty Forum—a panel of four students and three faculty members will discuss mutual problems. A question box will be placed outside the lecture room before the forum. The discussion will be followed by questions from the floor.

See AIEE SCHEDULE—Page 8

TECH NEWS

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EDITORIALS

Parking Regulations

The new parking regulations which will go into effect next term are outlined in another part of this paper. Every student who has a car on campus should become familiar with them because if he is not it might cost him some money. The reason for the rules is obvious. The parking situation on campus is reaching the critical stages, and after the construction of new buildings begins, the problems will be intensified. Realizing this, and also realizing that the heretofore existing regulations have not been too well observed, it has been deemed necessary to put the new rules into effect. The rules are not unnecessarily strict, and cooperation with them will go a long way towards easing the parking problem.

Another big step towards easing this problem would be for the various fraternity men to agree not to take all their cars to class, but rather to pile into two or three cars and go to class that way. This would save headaches for everybody.

Realize the parking problem and take steps to relieve it, and you will be saving yourself and the KAMPUS KOP a lot of trouble.

R.A.B.

Farewell

It is with mixed emotions that I look upon this, the last issue of the TECH NEWS published under the present outgoing staff. I can't speak for the others, but I know that I look upon my association with the paper as one of the most important influences on my life to date.

Perhaps the most important factor in the success of any organization is a spirit of cooperation. This is something which we have enjoyed throughout the year. I would, therefore, like to express my thanks to all those who contributed to the success of the paper by their cooperation. This includes the entire staff which rose admirably to meet every difficulty and spent such long hours in the interests of the paper. It also includes the administration and faculty who made a real effort to get newsworthy items to us so that we wouldn't be a week behind the local papers. It includes the student body, who, with few exceptions, overlooked our mistakes and failures and greeted our efforts with enthusiasm. Thanks to all.

And to the new staff—congratulations and best wishes. May you lead the paper ever closer to its goal of providing a real service to the campus.

R.A.B.

Overture

The staff of a college newspaper is very much obligated to the student body it serves. The students pay for, expect, and deserve a publication whose purpose of keeping the campus informed is achieved.

Rapid communication is essential in our swiftly paced society of today. Moreover, of equal importance is the reporting of the news in an undistorted manner.

It is the intent of the TECH NEWS staff to respond to the desires of the



"I'm sad to say I'm on my way, won't be back for many a day," for I have a new job.

Finals are coming and the pressure is busting out all over. The social life among the Greeks is slowing down to casual parties after the victorious basketball tilts.

Friday evening three fraternities indulged in social mathematics and held the annual triangle party. Sig Ep, Theta Kap, and AEPi were the

Letter to the Editor

DEAR EDITOR:

This year's ROTC Cadet Battalion Staff recently proposed to hold a military social event in the form of a weekend built around a Military Ball. It was generally felt that there was too much of a lag between the Fall and Spring formals at WPI and it seemed logical that a Military Ball could fill this gap. Furthermore, it was strongly felt that an event such as this, which had met with such great success at many other schools, would go a long way in increasing the "esprit de corps" of the Cadet Battalion.

The idea met with unanimous approval from the Council of Presidents which agreed to give the function financial support, and from the various fraternities which by straw vote indicated a willingness to support the Ball. All appeared to be going along smoothly until it was recently rumored that the Ball would not be held. Unfortunately this rumor proved to be true, for the Ball will not be held, at least this year.

When attempting to formulate plans for a venture such as a formal weekend an effort is made to foresee the possible complications and to avoid them if possible. However it is sometimes impossible to examine all of the dilemmas that might appear and as a result overwhelming barriers present themselves which force abandonment of a project. And so it was with the Military Ball for one has no idea of the implications involved in such an undertaking. Close examination of the problems by the Battalion Staff revealed many difficulties which eventually forced it to drop the idea at least for the present. Complications involving teaching and training schedules, examination dates, Saturday morning classes and scholastic efficiency, were just a few of the many considerations which presented problems. It was concluded by all concerned that this campus is not yet ready for a third formal weekend, be it built around a Military Ball or not.

The Military Ball is a thing of the future, however. Eventually a time will come when a meeting of minds of those connected with the Student Body will iron out the problems which confronted this year's Battalion Staff. The Military Ball is still seen to have defi-

nite advantages and is considered to be an integral part of the program which has been established for the student battalion. Thus the plea is sent out to the Student Body to keep the idea in mind and not to let the proposal die, for it is from the ranks of the Student Body that the eventual meeting of minds will evolve.

WILLIAM A. SANTON
 for the
 ROTC Cadet Battalion Staff

student body. Changes which we feel will improve the publication will be made from time to time. Weekly features will be added or discontinued, depending on campus reaction.

Concerning editorial policy, it is the belief of this person that unless the editor is free to express his opinions without fear of reprisal, his efforts are futile. Fortunate are we that our administration personnel are progressive and welcomed to the student's viewpoint.

The departing staff has proved its ability. A year of progress and improvement has passed under its guiding hand. The TECH NEWS has prospered in the previous months; it is our goal to further the value of the publication in the eyes of all in the year to come.

T.W.C.

Among The Greeks

WITH DEMITRIUS DUDDY

partakers of the fiasco. Spike Vrusho, the great golfer, was the highlight of the evening.

Last week more serious business went on with one of the Greek houses. Theta Kappa Phi held its elections for the coming term. Joe Chenail was elected President, Pete Ottowitz as Vice-President. Rog Jolicoeur is the new Secretary, and Bill O'Neil is the money keeper.

Saturday evening saw the game rooms empty until after the ball game, for the play was "10 o'clock and so on parties." The Ox Club, SAE, ATO, Lambda Chi, Phi Sig, Sig Ep, the Phi Gam lodge and the

Pi house all entertained their guests in this manner, while the Kap hit the glistening slopes with a toboggan party in Leicester.

Note: Santa Claus' helper forgot to mention the goings on at the Ox Club. John Robichaud lost his pin to Carolyn Sampson, Al Devault to Val Buttura, and Bernie Ricciardi went the length of the rope and gave Dot Remiszewski a glistening stone.

Here's advance warning for a "Sadie Hawkins Dance." Delta Pi, of Becker Jr. College is sponsoring the dance on Feb. 15, 8-12 p.m. at the Elks Hall. \$1 stag, \$1.75 drag.



By Bill O'Neil

This will be the last time that I will be writing this column. I thought that I would try to present to Tech's campus some of the problems that other campuses are having as shown by their editorials.

From the Massachusetts Collegian:

FINAL STUDY SHORT AGAIN

Classes end Saturday, January 12 at noon. Finals begin 44 hours later at 8 a.m. on Monday, January 14. Not only is our usual first semester study break cut in half this year, but the whole final period is scheduled a week earlier than usual.

However, with finals planned almost immediately after the Christmas vacation, the earlier schedule notice provides little comfort for the many students who must take several finals within the first few days of the exam period.

For the past few years, second semester finals have been scheduled with the same 44 hour interim between classes and finals which we are now facing. This is obviously a difficult situation. Most professors place much weight on the final examination grade and such close scheduling seriously reduces study time for many students.

The problem is particularly acute when it occurs in the first semester which is broken by a long vacation period. Even if a student wished to use

Displeasing presentation does not end with the monotone; there are also the "whispering mouse" and "wounded elephant" tones. The student is harassed even further by the gesticulating Elvis Presley type or his antithesis, the wooden Indian.

A professor is one of the most important persons in the world. He is the propagator of the future's presidents, editors, engineers, and fathers of our country.

Shall our future leaders have Dumbo-like ears from straining to hear the mouse whispers, or weak eyes from the infinitesimal hieroglyphics squeaked on the blackboard?

It would be ludicrous to classify all professors as poor communicators; but it would be just as ridiculous to claim that improvement is not needed.

Lecturing in the nude or standing on one's head is not necessary to hold attention or to provide an enjoyable and understandable lecture . . . just a little honest effort plus utilization of a Speech

the Christmas break for study instead of the relaxation for which it was designed, access to study materials away from the university is often not possible. Hour exams before Christmas and term papers after Christmas with the usual festivities in between make the weeks before the semester's end a generally hectic time in which advance study for finals is often honestly impossible.

However a longer break is definitely possible at least for the first semester when registration days are scheduled. Most students must return to campus after the mid-semester break on Sunday to register on Monday. Classes do not begin until Wednesday. Rescheduling of these weeks with student interest given top priority could be arranged so that the two days provided for registration, which has become a relatively quick process with IBM, could be planned before the final period as it has been in the past. It is pleasant, of course, to return to campus with a few days free for socializing, but the time would be more greatly appreciated if arranged before finals.

SPEAK UP, PROF

It is time for professors to go back to school.

Education is a communications process—from the source to the receiver. As communicators, some professors would make fine ditchdiggers. Are they above improvement? The campus offers speech and audio-visual courses.

A monotone moaned from a professor with the same liveliness expected from one of Dante's shades is not fair to the student who wants to learn; and also serves as hemlock for the student who seeks the slightest provocation to close his eyes forever to the course.

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See ON OTHER HILLS—Page 3

ASSUMPTION BEATEN BY TECH HOCKEY CLUB 6-5

With a scant three practices under their belts, the Tech Hockey Club met Holy Cross in its opener on January 8. The game was but 51 seconds old when the Cross first dented the twines on a close-in shot by their football star Hank Ratto, and this quick score was an indication of what was to come. Hampered by the lack of practice time, the Tech defense found the going rough and allowed the Cross forwards to sneak in often. In the third period trailing by 8-0, Tech's offense began to click and they just missed scoring on three occasions, but the final tally showed a 9-0 count in favor of the Crusaders.

In the second game of the '57 season, played on January 13, Tech was host to a fired-up Assumption sextet who were out to match their basketball team's victory of the previous night. For the first seven minutes of play the rough and tumble fray was scoreless, but at 7:57 of the first period Ralph Dejarolis of Assumption found the nets on a 25 foot screen shot to send his team into the lead 1-0. Rallying their forces, Tech quickly struck back as first Bob Bourget and then Dusty Rhodes scored on close shots to send Tech off the ice at the period leading 2-1.

Repeated penalties were called against WPI in the second period, as the sea-saw game was tied quickly by Assumption at 2-2. At this point Tech took over and tallied twice more, these scores by Paul Beswick and Bourget, his second of the game. Leading 4-2, Tech relaxed slightly, and at the 18:56 mark Dejarolis scored his third goal of the night on a long blast from the blue line. At the end of the period the score stood —Tech 4, Assumption 3.

After a solo dash by Rhodes, his second goal of the night, Assumption quickly put on the power in the opening minutes of the third period. With the score 5-4 Tech, Dejarolis swept down the middle and let one go that beat the Engineer goalie and tied the score 5-5 at the 5 minute mark of the final period. But Tech was not to be denied this hard fought win, Defense-man Lee Courtemanche, positioned in front of the net for a face-off, took the slap from center and tallied on a drive into the upper-right hand corner of the nets. From here the Engineer defense gained the upper hand and turned back Assumption for the rest of the game.

With a .500 record of 1-1, the Tech Club will meet Wesleyan after the break for finals on February 11 at the Worcester Arena. A great game should be in the offing, as Tech seeks to lift their record above the .500 mark and the Cardinals from Middletown, Conn., try to stop the Engineers.

Tech will probably start Bob Bourget at center; sophomores Dick Bratt and Bill Pursell at the wings; Paul Jolicoeur, a freshman, and Captain Mike Gasek on defense; and Frank Cohee in the nets. Others sure to see action will be Lee Courtemanche, Paul Beswick, John Hoban, Bob Mercer and Dusty Rhodes.

Here's an open invitation to the entire student body. If you want to see spirited hockey, don't miss the Wesleyan game the first day classes resume. The admission is free—the time is 5:30 to about 8—the place is the Worcester Arena near Webster Square, and the game pits the Wesleyan Cardinals against WPI.

WORCESTER TECH EDGES SUFFOLK 63-59 AT GYM

Dean Academy Victorious Over J.V. Hoop Team

In the J.V. game the rebounding of Corbett and Magarra and the team play of Dean Academy was just too much for our frosh, as they defeated the Worcester Tech JV's by the score of 74 to 66. The game started out with Tech undecided what they could do against Dean's six foot eleven inch center Pete Corbett. He pulled down rebounds from everywhere. He so out-ranked the other players on the floor that he was reaching over shoulders and taking the ball out of Tech hands.

In the second quarter Tech became used to Corbett's style and his rebounding became less effective but he couldn't be stopped from scoring. Buzz Biddle and Murray Elowitz did a good job off the boards for Worcester. Tech, through too much individualism, lost several chances for easy shots and as a result the score was nip and tuck with the score tied at 22-all with four minutes remaining in the half. Dean got hot and scored 19 points, 7 by Corbett, to Tech's five. The score at the half was Dean Academy 41, Tech 27. Corbett had 15 points at this time.

The start of the second half was marred by sloppy ball handling and poor shooting. Elowitz in an effort to stop Corbett fouled out at the 15 minute mark. During this time Tech was fighting an uphill battle. They didn't have quite enough, for after three straight hoops by Johnson and one by Biddle to bring the score to 59-53, the attack bogged down. During the last seven minutes both teams played their best ball with each team playing on pretty even terms. The difference in the two scores ranged between 8 and 12 points with Tech down 74-66 at the gun.

The best performer on the floor was Magarra, Dean's forward. He did a steady job of rebounding and scored 21 points, 11 from the foul line. Corbett was held to 7 points in the second half and ended up with a total of 22.

Tech's top scorer was Dave Johnson with 24 followed by Buzz Biddle and Bernie Tetreault with 13 each. It was these three men who sparked the drive in the fourth quarter for Tech.

Capt. Eddie Eidt Top Man For Tech With 16, DiPippo Second

Playing before a sparsely settled crowd at Alumni Gym, the Tech basketball team snapped a six game losing streak when it simply outlasted Suffolk University to the tune of 63-59. This is in all probability the sloppiest game the team has played to date, but it did prove that they have what it takes when the chips are down.

The first half seemed to be a waiting out period as neither team could successfully find the hoop. Miles Grant broke the scoring ice when he tallied on an easy layup, and this was the only score for nearly six minutes until Suffolk's Fate scored on a drive from the corner and a free throw. Eddie Eidt and Freddy DiPippo, hitting on a jump and a pair of free throws respectively, put Tech in the lead again, this time 6-3. The visitors from Boston tied the score, and with the lead changing hands every few minutes, left the court at half time on the upper end of a 24-22 score.

When the second half resumed, Suffolk's Fate developed "hot hands" as he scored his team's first 10 points and enabled them to take the lead, 32-28. At this point the "Comedy of Errors" of the first half ended and a closely, bitterly fought contest ensued.

With the score constantly being knotted and the lead changing hands innumerable times both teams sparred for a decisive break. Fortunately this break came in the form of Dave Penkus and Richie Stevens. Dave tallied three, and Richie's layup on the end of

a fast break put the Engineers in the lead for good 57-52, but it was far from the end of the game.

Suffolk's Fate and Crotty combined for four points only to have two of them offset by Grant's rebounded layup. An exchange of free throws brought the score up to 60-58. Tech surrendered possession on a violation of the in-bounds rule but a charging foul against Heneghan sent Penkus to the charity line where he hit for Tech's last free throw. Now the score was 61-58 with only 10 seconds remaining. A foul against Tech enabled Heneghan to step up to the free throw line, and with great poise sank his first shot but deliberately missed the second one in the hope of someone tapping it in. His idea backfired as Freddy DiPippo came down with the rebound, and threw in the Engineers' final two points just as the buzzer sounded.

This second half was a tremendous improvement over the first half, and it showed that the team isn't as bad as its record might indicate. The trouble seems to be in getting them up for a game, but once they are up they turn in very outstanding displays of spirit and fight.

Individual scoring honors went to Suffolk's Fate with 22 points while Eddie Eidt lead the Engineers with 16. The team had an over-all shooting percentage of .345 from the floor and .470 from the foul line. Tech's next home game is Feb. 9 against M.I.T. at 8:30.

RUNNERS IN BOSTON FOR K OF C TRACK CARNIVAL

A near capacity crowd of 11,000 witnessed in Boston Garden last Saturday night the running of the 31st Annual Knights of Columbus Track Carnival. Although few records were broken, the night was not lacking in thrills and spills.

Best race of the night by far was the Leo Larivree Two Mile Run. It started as a two-man duel between G-man Horace Ashenfelter and Laslo Gabori, Hungarian 3:59 miler as they left the pack behind. Gabori pulled ahead with twelve laps to go in the 22 lap event. Ashenfelter piled on more coal and recaptured the lead with 10 laps to go. By then, Fred Dwyer of Villanova had left the pack and was running a close third. With seven laps remaining, Gabori passed Ashenfelter on the inside, but Ashenfelter regained the lead with five laps to go. At this point in the race, Ashenfelter, Gabori, and Dwyer were only one stride apart. With two laps to go, Dwyer moved into second spot, then opened the throttle. In a few strides, he shot past Ashenfelter and left him behind. Gabori still had an eye on that number one spot, but he couldn't match Dwyer's sprinting finish. Dwyer won in 8:52.4, ten seconds better than the old Boston Garden record.

W.P.I. entered two events. Freshman Doug Farrand in the 50 yd. dash failed to place, but held his own with some of the best sprinters in the East. Dizz DesRosiers, Dave Bragg, Jim Brown, and Charlie Whitney entered the varsity one-mile relay, but failed to place. Boston College won with a time of 3:34.9.

Other top events of the night included Villanova's Phil Reavis clearing 6 ft. 9 in. in the High Jump, and just missing 6 ft. 11 1/2 in., the world's record. Arnie Sowell won the 1000 yd. run with Tom Courtney second. Olympic star Lee Calhoun won the 45 yd. high hurdles with Milt Campbell right on his tail.

All in all the meet was tremendous and left the crowd eagerly awaiting the B.A.A. meet two weeks away.

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PARKING RULES—From Page 1

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- Third offense — \$3.00.
- Fourth offense — \$5.00.
- Fifth offense — \$5.00 and automatic revocation of registration privileges.

Further non-compliance subject to disciplinary action as prescribed by Institute rules governing gentlemanly conduct. (Grades and credits will be withheld from the student until settlement is made.)

Registration fees and fines will be deposited in a fund to be used for development of parking areas.

Fines to be paid at the Finance Office.

Failure to pay fines within 5 days after offense will result in an extra \$1.00 fine. Failure to pay fines after 10 days will be subject to action as described above.

The above regulations subject to further revision and additions for the 1957-1958 academic year.

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W.P.I. PLAYS HOST TO M.I.T. AT ALUMNI GYM

The Saturday night preceding the opening of second term finds Worcester Tech facing their arch rivals, the Engineers to MIT in a basketball tilt at Alumni Gym. Although athletic contests are not usually scheduled during school breaks, February 9 was the only date available for this game due to the shifting of the Boston University game earlier in the season. However the game could supply the base for a little pre-term social action for the early returning and local students; it offers a night to relax before the second term pressures begin. Coach McNulty is hoping for a sizable turnout to help WPI regain its winning form of early season. As seen by the record, all has not been rosy for our Engineers. But the record is somewhat misleading as nearly every game has gone down to the wire only to find Tech fade in the closing seconds. The Engineers are gaining experience and more depth; this should prove advantageous over the last half of the season.

If Tech is to regain its winning ways, it definitely will have to play peak basketball. MIT will bring into Worcester a good, fast team with a good record. The Engineers from Cambridge are not exceptionally big; they rely mainly on speed and good ball-handling and shooting. Their big gun of last year, Dee Vergun, has graduated and with him went the nucleus of some fine MIT teams. But they have rebuilt this season and came up with a club that has beaten such rivals as Trinity, Clark, New Hampshire and Lowell Tech. They have one more game before they meet Tech, that on February 6 against Wesleyan.

The sparkplug of the current MIT

team is Murray Muraskan, a hard driving forward. He teams up front with MacLaren Jordon while Bob Polutcho handles the pivot post. None of this trio is exceptionally tall; they are all strong and do a good job off the boards. The two guards are Leroy Cooper and Dave Rachofsky, both of whom are excellent ball handlers. Although MIT has suffered four losses, two were to powerhouses Massachusetts and Bates.

With the great pressure of finals and final grades gone, the WPI five should be in a victory-seeking mood. Captain Eddie Eidt will lead his mates in hope of a win and will be joined at the forward post by Dave Penkus. Big Miles Grant will be in the center slot with Richie Stevens and freshman Fred DiPippo manning the guard posts. The latter two men have turned into the real sparkplugs of the team. Stevens, continuing his excellent play for this fall's football eleven, has started every game for the Tech five this season and has more than overcome his small stature with great desire and hustle. DiPippo, on the other hand, has come out of nowhere to develop into Tech's top star. Freddie made the ball club earlier in the season but ran into scholastic difficulty and wisely gave up the sport. Now squared away with the books, Fred rejoined the team a few weeks ago, quickly won himself a starting job and has since been Tech's top performer. Mike Stephens, Freddie Lutze and Dick Casko will help the first five out early in the fracas.

Undoubtedly the play of the whole team has been hampered by scholastic pressures; nearly all students are pressed trying to keep up with the studies and the players have exactly the same schedule as other students PLUS basketball. But Tech fans have been patient and the players appreciate this; they will attempt to prove this with a win a week from this Saturday night. A good crowd will help them along; let's hope you can make it.

P.S.K. & T.C. Near Trophy Scores Tied

With approximately half of the schedule to go in this year's tight bowling race we find the Phi Sigs and the Ox Clubbers tied for first place. There have been many upsets so far this season with Theta Chi pulling a good number of them. This team was not one of those which was rated as a threat to the trophy, but they are surprising a lot of people with their fine bowling. They are led by Rog Pekrul, their big gun, who has an average of 97.7. Alex "Pappy" Papaioannou, Ron Kangas, and John Robichard are the other members of the team. So far Theta Chi has wins over A.E.Pi. (A pre-season favorite), S. A. E., and T.K.P. They also have a tie with P.S.K.

The Phi Sigs, who were considered as a pre-season threat, are living up to their rating so far. They won the trophy last year with a strong finish, and that strength has carried into this year's team. This team, composed of Jim Cheney, Don Grenon, Dick Pratt, and captained by Bob Dunn, is the same team which made such a good showing last year. Bob Dunn's average of 101.9 is second only to S.A.E.'s Charlie Johnson who has an average of 104.5. The Phi Sigs are also running away with the individual and team highs. At the present time (as of Friday, January 18), they have the high single string (Pratt P.S.K. 140), high triple string (Pratt 326), high team single string (P.S.K. 427), and high team triple string (P.S.K. 1235, a new record).

With both teams having four games to play Theta Chi has the easier of the two schedules. They have L.X.A., S.P.E., A.T.O., and T.K.P. left while the Phi Sigs have A.E.Pi., S.A.E., A.T.O., and T.K.P. to go.

The season is only half over and if the remainder is anything like the first half then it should be well worth seeing. Get out and support your team; it may help them to win the trophy.

TEAM STANDINGS

	W	L	
PSK	12	4	.750
TX	12	4	.750
A.E.Pi	8	8	.500
ATO	4	4	.500
SAE	4	4	.500
TKP	7	9	.437
SPE	4	8	.333
PGD	5	11	.312
LXA	5	12	.294

INDIVIDUAL STANDINGS

Johnson, SAE	104.5
Dunn, PSK	101.9
Goodfader, A.E.Pi	100.9
Grenon, PSK	98.8
Pekrul, TX	97.7
Bratt, SPE	97.4
Pratt, PSK	96.5

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This issue marks the last time that your out-going editors will be heading this column. In future publications, Sports Slants will continue to appear, but the typewriter will be used by your newly elected Sport's Editor, Roger Jolicoeur and his able partner in column writing, Stan Graveline. We have enjoyed incorporating this innovation into the sport's page, and we sincerely hope that the campus has found Sports Slants to be easy, enjoyable reading.

BASKETBALL: Tech almost handed the visiting Suffolk lawyers the basketball game in the final minute of play last Saturday night. Erratic passing and charity-shot misses by Richie Stevens and Dave Penkus, while Tech was holding on to a slim lead, kept the final outcome in doubt until the closing buzzer. This same Penkus probably saved the game, however, as he expertly blocked a scoring attempt that would have tied the fray in the waning seconds. . . . Freshman Fred DiPippo has certainly been a sparkplug in the Engineer lineup recently. His hustle, scoring ability and all round finesse on the hardwood have not gone unnoticed in Tech's recent encounters. . . . By the way, what has happened to Mike Stephens? He has proved himself to be a steady competitor (Trinity game) and we're wondering what the reason is for his infrequent appearances of late. . . . A note on the Assumption game: Coach McNulty's patented zone defenses almost upset the high scoring Greyhound aggregation. If the Engineers could play ball for four quarters as they do for the first three cantoes, their record would look much better than its present 3-6 status. . . .

FOOTBALL FORECAST: Before Tom Carey, Dave Egan, and the syndicated news agencies come out with their predictions, we want to go on record as tapping Northwestern University as next Fall's Big Ten champion and Rose Bowl representative. We are fortunate in having very reliable sources who have supplied us with top, accurate information in the past. Our record of predictions during the past football season speaks for itself? . . . Incidentally, we had a lot of fun reporting on football teams around the country, such as Lenoir Rhyne. Merl Norcross reports that this same college fielded a powerful squad this past Fall and that they could have easily beaten our better-than-average Engineer team. Also, this Pennsylvania college was one of the few small college powers to compile an undefeated record. We don't know how Ball State or J. C. Smith fared, however. . . . The hockey club has been inactive the past week and they won't take the ice again until the second term commences. This will mean that the boys will have to undergo the rigors of getting back into condition all over again before their tilt with Wesleyan at the arena on February 11th. . . . This current I.F. bowling league is really unpredictable. Every team has had a hot day and high strings have been at a premium. Theta Chi has emerged as the darkhorse in the race and they are giving Phi Sig and A.E.P. a run for their money. At this rate, one pin could decide the race. . . .

LACROSSE: This year's season is just around the corner and hopes are high regarding the possibility of Tech reverting to the form of five or six years ago when the Engineers were a New England power. . . . Incidentally, we can't quite understand the adverse feeling that the Athletic Council maintains toward Lacrosse with regard to its establishment as a varsity sport here at W.P.I. . . .

I.F. BASKETBALL: Here's another thought we had on this subject. You remember that last issue we mentioned two ideas, those being an expanded schedule and the possibility of two divisions within the I.F. league itself. How about this? Either having the Fraternity champion or an All Star team face the Holy Cross intra-mural victors in a post-season game. We are sure that our representative could give a good account of itself against a Crusader team and we are also sure that a game such as this would provide considerable interest and enthusiasm. Tech has a very fast I.F. league as evidenced by the fact that Phi Sig has little difficulty walking off with the honors in their regional Fraternity tournaments. Holy Cross boasts of a powerful league also, so the situation is ideal. How about it? . . . For the first time in many a year, Techmen are looking forward to a full weeks vacation after their bout with the final exams. All, that is, except the basketball team who must return on Wednesday of that week in order to prepare for the M.I.T. game that Saturday evening. Too bad the schedule was arranged so as to conflict with the liberal mid-term recess.



I.F. Bowling in Full Swing

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RIFLE TEAM FIRES TWO; WINS BROWN, LOSES BU

The Tech Rifle Team has split its last two matches. The first was a healthy drubbing of the Brown University team, 1381 to 1349. The five top scores were Dwight Howe, Bob Thornton, Joe Callahan, Howie Steves, and Len Pickens. The most encouraging part of this match was the evidence of our fast increasing depth. Eight of the nine men that fired came through with scores above 260. This included three freshmen, Len Pickens, Dick Ledoux, and Dave Mudgett. Pickens, after a complete miss on his first target in the standing position, came back to fire an 84 in that position and a 270 for the entire match.

Saturday the engineers went to Boston to fire against the Boston University Team. The BU range is probably the finest in New England, and it only takes two orders to fire a match on its ten points. At the end of the first order, WPI was ahead by four slim points. But at the end of the match

the score said BU 1383, Tech 1375. Eight points is a very small margin of victory in a rifle match and the absence of Joe Callahan and Ed Fraser, two of our top shooters, from the line up was probably the deciding factor. The top five were Dwight Howe, Howie Steves, Bob Thornton, Rog Danielson, and Dick Ledoux. Howe had a little misfortune, he jarred his front sight while firing his off hand target and as a result fired an 86 which is far below his average. After rezeroing his rifle, he fired a 99 kneeling, which is the highest kneeling fired by a member of a Tech team or a member of an opponent team in many years. He ended with a score of 284 for the match which keeps his personnel average about seventh in New England.

BU also has a girls' team, and luckily Tech doesn't fire against them, but just the men's varsity. The BU women's team is one of the finest in the country and fires scores consistently thirty points higher than does the varsity. Tech wouldn't have a chance, besides really knowing how to shoot, the girls are all "dolls" and the distraction would be too great.

Techmen Swim Against UMass, Tufts Mermen

The Worcester Tech swimming team has lost two meets within the past two weeks. On January 11, WPI met a strong UMass team here in the home pool. No Tech men were winners, but Jenkins, Ekman, Schmidt, and Craig took seconds, and Hopf, O'Reilly, Johnson, and Silven took thirds for WPI. The final outcome was UMass 63, Tech 24.

In their third meet of the season, the Tech mermen met Tufts in the Medford team's pool. WPI was again the underdog and was defeated 67 to 20. Techmen placing in the meet were Jenkins, Silven, Hopf, Ekman, DeLeon, Striby, O'Reilly, and Craig.

Three meets are left in the season, all after the examination period. Trinity, Coast Guard, and MIT are the rivals Tech has yet to encounter. Coach Frank Grant is preparing the swimmers for these strong teams but is handicapped by the lack of depth of material. Many of the better swimmers on the present team are only underclassmen, so hopes are up for next season. However, raw material is definitely needed by the team.

A SPORTS DEPARTMENT SPECIAL

An Interview with Sammy White

An Interview with SAMMY WHITE

A few weeks ago, Worcester Tech was very fortunate to have Sammy White of the Boston Red Sox speak at its Winter Sports Banquet. Realizing that the spring training season is fast approaching, your editors felt that a personal interview with this Baseball Personality would be very interesting and timely. The TECH NEWS Feature Editor, John Hoban, actually recorded the information, but he gave us the interview to use on the sport's pages.

What is the outlook for the Red Sox in 1957?

"We have an excellent chance. It will be our pitchers that will make the difference and they are basically a very good staff."

What are some of your greatest thrills in baseball?

"One big thrill is just playing ball with the Red Sox. I guess my greatest thrill was hitting a grand slam home run against Joe Page of the Yankees in the last of the ninth to win a game and put Boston into first place in a heated battle for the pennant a few seasons back. Another thrill was pulling off an unassisted double play to cut off a run last season."

Do you like night ball games?

It is very hard catching in a night game as you can only see the top half of the ball well under the lights. And then when you get a knuckleballer like Willard Nixon throwing at you . . ."

Who is the best pitcher you have caught?

"Mel Parnell. Mel is the most consistent hurler except when he is suffering the effects of injuries. He has had some tough luck in recent years."

Who is the toughest pitcher for you to hit?

"Bob Lemon of the Indians. He has everything, his best pitches being a sinker and a slider. He will throw a ball that will come at your head and then break and cross the plate ankle high."

How much can Ted Williams help the team next year?

"Ted won't be able to play many games, but he will be a big factor in our standing. I feel that he will be around for another two or three years and he is the best hitter I have ever seen. Furthermore, if Ted were playing for the New York Yankees, he would have beaten Babe Ruth's home run record as he would have had much closer stands to aim at. As far as Ted's drawing the fans goes, as he slows down, Jim Pearsall and Jackie Jensen will bolster the attendance as drawing attractions."

How about Mickey Mantle, Sammy?

"I am convinced the Mantle will catch Ruth's record. He is still young and in the early years of his career. Mickey is the greatest all round ball player in the majors today, fielding and hitting considered."

Note: Sammy wasn't too concerned about Mantle breaking the home run record. He stated that records were made to be broken.

What is the best pitch to throw to Mantle?

"A fast ball, low and behind him."

What city has the best fans?

"Well—Boston has the loudest."

How about the ball parks themselves?

"Fenway Park, with its green background in center field, is the easiest for the players. Detroit has the best looking ball park, however."

How do you like traveling?

"It is quite a grind on the players, especially with the blistering schedule we play. It is also tough on my wife but she goes along with it. I take her on a few road trips during the season. Down in the minors, it is really rough when you are on a cheeseburger diet and travelling a hundred miles in a bus."

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I.F. Basketball Coming Up

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CHEMISTRY CLUB—From Page 1
at Oxford University. In 1941 he received his Ph.D. from University of Chicago. During World War II he was a member of the Plutonium Project of the Manhattan District. Since 1946 he has been on the faculty of Cal Tech.

The subject of Dr. Davidson's talk was "Shock Waves and Fast Reactions". In this talk, he enumerated work being done by himself and his colleagues in this field.

The 300th Meeting also opened the 40th year of the Skeptical Chymists on campus. The society was organized in January 1917, being an outgrowth of the Worcester Chemistry Club. The first meeting of the new club was on Feb. 6, 1917. Since then the Chemists Club has become affiliated with the American Chemical Society as a New England Student chapter.

The 300th Meeting held in Kinnicutt Hall of Salisbury Lab was opened by President Adi Eisenberg. After the secretary's minutes were read Rene Bertrand read the minutes of the first meeting of the Skeptical Chymists. President Eisenberg then introduced the guest speaker. A question and answer period followed after which refreshments were served.

The society usually features talks by its members and faculty at Tech. The February meeting of the society will feature a talk on "Coulometric Analysis" by Adi Eisenberg and Charles Tyson. John Matuszek will talk on nuclear physics in March.

All members of the Chemistry, Chem. Eng. and Physics Departments are welcome, also interested Freshmen who would like to know more about the field of Chemistry.

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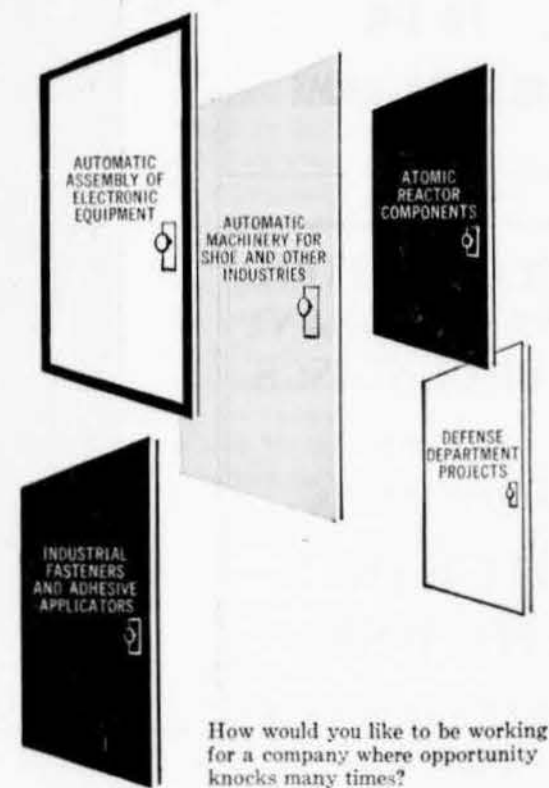


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COSMIC RAYS STUDIED BY TECH PROF.

Dr. Bernard Hildebrand, assistant professor of Physics here at Tech, has been spending his summers working in the nucleonics division of the Naval Research Laboratory and, as an outgrowth of his studies there, has undertaken an investigation of two phenomena connected with cosmic radiation particles. With the aid of Victor L. Moruzzi, a senior Physics major, Dr. Hildebrand is concentrating on the determination of the kinds of cosmic particles which exist and how they are distributed. He is also seeking a method of determining the velocity of these particles which shower the earth's upper-atmosphere from outer spaces.

Studying under a grant from the Research Corporation of New York City, Dr. Hildebrand is currently utilizing photographic plates carried 100,000 feet into the air by Navy Skyhook balloons during a recent Naval expedition to the Galapagos Islands near the Equator.

The particles under consideration include various types of cosmic rays which are really nuclei—the very elements of nature—in a stripped down form. Their reaction with the photographic emulsion of the plates causes formation of "tracks" which are analyzed under high powered microscopes. These studies are of interest to scientists and military men who want to know what kind of particles they are likely to encounter in outer space travel. The nature of these particles is such that if one went through a man's head it could damage the brain tissue. Therefore, their appearance must be considered because of the obvious safety hazard to aircraft and to their crews.

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February 11th — All students 20 or over plus faculty and staff members.

February 12th — All students under 20 years of age.

NEW STAFF—From Page 1

The newly-elected Business Staff includes: Business Mgr.—JOSEPH E. BOGGIO—He is a Chem Eng major from Holyoke, Mass. Joe is a former business assistant.

Circulation Mgr.—PETER J. ZANNI—Pete is an EE from Housatonic, Mass., and was formerly on the business staff.

Asst. Circulation Mgr.—JAMES P. DUNNE—Jim is a civil from Wellesley. He also was on the business staff.

Adv. Mgr.—HERBERT E. CLARKSON JR.—Herb is an EE from Newburyport, Mass., and was formerly on the business staff.

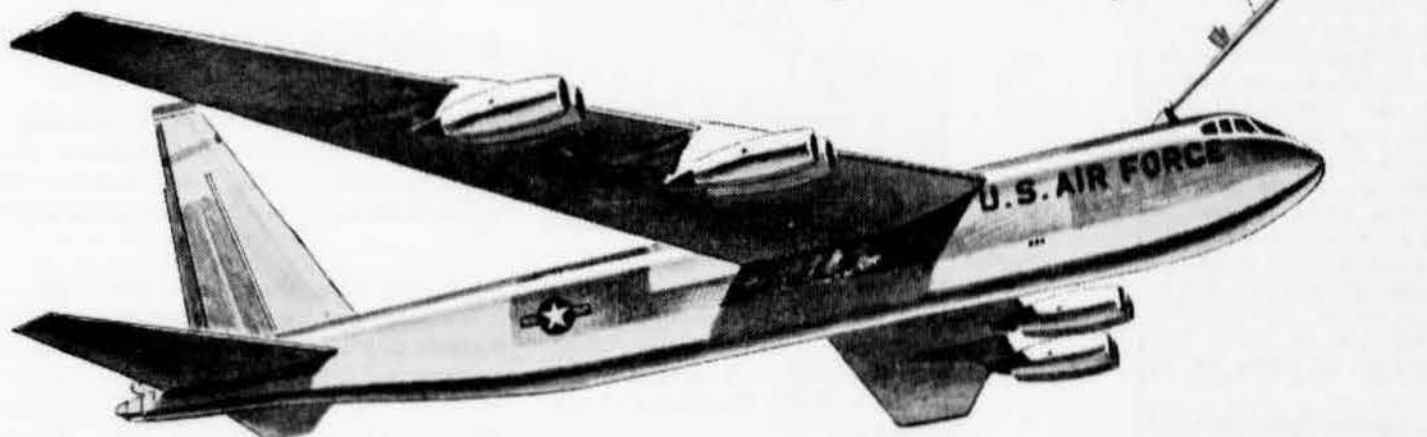
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A FRESHMAN'S THOUGHTS ON LIFE IN THE DORM

As our first semester at Tech is fast coming to a close and we look back over the past five months, it's hard to believe that so much has happened in such a short time.

Remember that first night back in September when we first heard of the Freshman-Sophomore rivalry and hazing. What a night that was, to say nothing of the two that followed, as we "innocent babes in the woods" were captured and left alone in places where even angels fear to tread to find our way back to the campus. But remembering further it becomes self-evident that the Freshman class soon proved its worth by putting up courageous battles, not to make mention of their resounding victory in the Paddle Rush. Oh yes, the Paddle Rush, that wood-swinging and bruising battle in which the Class of '60 proved to be too much for the Sophomores to handle. Of course we must also remember our slacking-off period when we lost a few events, but these can be and of course will be avenged by the Frosh in future competition.

Remember also the all-important tips that most of us received before hitting the Institute that we believed couldn't be true such as Rocket's food and the tests in Physics. But how we learned!

Remember the "blasts" and "bull sessions" that have now become defunct. What a time they were and what a variety of subjects were discussed, especially during the ones on the fourth floor. You might say they're "scabs" up there but after spending a couple of days up there this opinion will completely change. Of course they study and may have an over-all high scholastic average, but that's not all they do!

Rushing, remember that, was a big event that none of us will soon forget. What most of us remember about rushing were the "lead pipe" and that Friday night when the big decision had to be made, perhaps the biggest so far because it really means so much, not just now but also in the years to come.

Well, so much for reminiscing on our first semester here at the Institute. If we don't get back to the books we may be spending the remaining seven somewhere else or maybe not at all if worse comes to worst. Good luck, cousins!

Music Depreciation

- Tempo—what we lose when we're angry
- Pitch—what to do with a baseball
- Meter—what you dread doing after you have stood up your girl
- Oboe—a tramp
- Forte—a stockade
- Basic note—a letter that a guy writes to a girl when he's first gone in the service
- Scale—something that tells you to eat less
- Cord—thick piece of string
- Trill—what your one-and-only gives you
- Harp—what Pop does when your marks are low
- Tuba—what toothpaste is squeezed out of
- Flute—a bad cold
- Woodwind—someone who talks too much
- Cymbals—shorthand characters
- Gong—group of people
- Chime—best buddy
- Tom-tom—the Piper's son
- Wood blocks—contents of Tech
- Temple block—hold in wrestling
- Snare (drum)—what you'd like to do to your buddy's girl
- Conductor—electric wire
- Opera—what they do in the hospital when you've got appendicitis
- Cello—a pudding
- Cross bar—Cosgrove's
- Overtone—a fire drill when you're sound asleep
- Romantic Era—when you stay too late at B. T.
- Bolero—what you wear to cover up a dangerous neckline

- Polonaise—what you put in a salad
- Dissonance—thing between you and your guy back home
- Measure—what to do with a lost waistline
- Beat—what your heart skips when you see your man
- Andante—what you become when your big brother becomes a poppa
- Neumes—little elves
- Treble—what you get into when you break a rule
- Chants—what the Nichols boys tried to take last year
- Lento—season when you give up smoking
- Middle C—your mark on the curve
- Brasses—Unmentionables
- And now for our composers:
- Paderewski was Chopin wood; got hit in the Bach by Mozart and flew off the Handel.

(Excerpt from Becker Journal)

ON OTHER HILLS—From Page 2
 1 course, enforced with an audio-visual one, is needed.
Vive la teach!

From the Michigan Tech Lode:
WHERE IS SAM?
 The fan of winter is blowing across the Tech campus, and with it comes another term. The books, the coffee line, the instructors are all the same—but where is Sam? Nobody has seen him back yet, the chair is empty. Where is he?
 Flunked out!
 Quit school!
 And why? No one seems to be able to find the right equation. The effect is plain, and by scientific laws the cause should be equally so. But what is this unknown that causes so many vacancies in the classroom? Lack of intelligence, possibly, but a very weak solution because the College entrance exams supposedly "weed out" all applicants that show an inability to grasp even the fundamentals of college studies.
 Too great a load? A big factor. With two hours study time given for each

class hour, Sam usually winds up putting in around fifty hours a week. But does it stop there. Although courses require less than the required two hours study time, a good majority of them take more: labs, with the endless writing of reports, problem courses, with the instructor trying desperately to finish the text book in one twelve week term and pushing so ridiculously fast that the student sometimes never gets off the ground. Necessarily so, if Sam is going to get that degree in the usual four years.

Maybe it's normal for Sam and so many of his friends to flunk out of school. Maybe this is the only pattern, but why should it be?
 Why.
 A few possible solutions.
 Rearrange the existing schedule of classes into a five-year plan. Why groan at this, it is inevitable. Why wouldn't it have been just as easy to lengthen it to five years, and give Sam an honest chance to finish here, get that degree. Or perhaps you are satisfied with crowding everything into four years. Little tougher, but possible.

AIEE SCHEDULE—From Page 1

- March 26, Tuesday
 Student Paper Contest—Juniors and Seniors will present a fifteen-minute talk on any subject. The winner will present his paper in New York. Further information may be obtained from Professor Grogan of the E.E. Dept.
- April 9, Tuesday
 Options and your Future—an explanation of the three options and their effect on your future.
- May 7, Tuesday
 Consulting Engineer as a Career—a representative of Jackson and Moreland, Inc., will explain the steps necessary to become a consulting engineer.

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 601 Main Street



"What really sold me," says Jerry, "was the way they conducted engineering. I'd expected rooms full of engineers at desks. Instead, I found all the informal friendliness of my college lab."

Gerald, an E.E., came directly to IBM from the University of Buffalo, in 1953. Starting as a Technical Engineer, he was immediately assigned to work, with two others, on designing a small calculator. The supervisor of this project was Dr. R. K. Richards, author of "Arithmetic Operation in Digital Computers." Jerry learned a great deal about computers in a very short time. Incidentally, his particular machine is now going into pro-



Assigns problems to his group

duction. As Jerry says, "It makes an engineer feel good to see his project reach the production stage—and to be able to follow it through."

Promoted to Associate Engineer after 16 months, Jerry is now the leader of a nine-man team. He assigns problems to his group for solution, approves their block diagrams and the models they build. Perhaps an hour a day goes into paper work such as requisitioning equipment for his group and reviewing technical publications, in counseling members of his team and preparing for trips to technical society meetings. Apart from his regular responsibilities, he teaches at night in the IBM school.

Why Jerry chose IBM

Of course, there were other reasons why Jerry selected IBM. He was vitally interested in computers, and IBM was obviously a leader in the field. He comes from a scientific family

"What's it like to be

A PRODUCT DEVELOPMENT ENGINEER AT IBM?"

Three years ago, college senior Gerald Maley asked himself this question. Today, an Associate Engineer and leader of a nine-man team, Jerry reviews his experience at IBM and gives some pointers that may be helpful to you in taking the first, most important step in your engineering career.

(his brother is a mathematician) and is fascinated by these mathematical marvels which are revolutionizing man's ways of doing things in so many fields. He enjoys working on large equipment... and on "pulses." "It's more logical," he says. "In computer

plays. The latter is his own interest, which is why he is in advanced machine design. He points out that IBM is careful to take these factors into consideration—another reason, perhaps, why turnover at IBM is less than one-sixth the national average.

What about promotions?

When asked about advancement opportunities at IBM, Jerry says, "You can hardly miss in this field and in this company. They tell me sales about double every five years—which in itself makes promotion almost axiomatic." He endorses the IBM policy of promoting from within, with merit the sole criterion. The salary factor, he remembers, was not his first consideration. While excellent, the tremendous advancement potential was of far greater importance.



This field is so new

work, you can actually see things happening, which is not the case with all electronic equipment today. And it's not all solid math, either. What's more, this field is so new, that pretty soon you're up with everybody else."

Gerald has done recruiting work himself for IBM and believes he understands some of the college senior's problems. "I usually begin an interview by determining a man's inter-



Promotion almost axiomatic



Reviewing technical publications

est," he reports. "Then the diversity of work at IBM enables me to offer him a job which will challenge that interest." Gerald distinguishes between two kinds of engineers—those who like to work on components, such as circuit designs, and those who are interested in the part the component

IBM hopes this message will give you some idea of what it's like to be an E.E. in Product Development at IBM. There are equal opportunities for I.E.'s, M.E.'s, physicists, mathematicians, and liberal arts majors in IBM's many divisions—Research, Manufacturing Engineering, Sales and Technical Service. Why not drop in and discuss IBM with your Placement Director? He can supply our brochure and tell you when IBM will interview on your campus. Meanwhile, our Manager of Engineering Recruitment, R. A. Whitehorse, will be happy to answer your questions. Just write him at IBM, Dept. No. 8801, 590 Madison Ave., New York 22, N. Y.

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