Volume XXXIX No. 10

WORCESTER POLYTECHNIC

## All's Right With the World; Santa Claus Just Came to Town

Smaller Boy. What did Santa Claus bring you for Christmas?

know there ain't no Santa Claus?

Smaller Boy. Of course there's a Santa Claus! There's gotta be one. How could there be any Christmas without Santa Claus!

Small Boy. Aw, you just don't know any better because you're still too young. Christmas isn't for Santa Claus; it's supposed to be a celebration for God.

Smaller Boy. How do you know? Small Boy. Why, my mother and father told me so-that's how.

Smaller Boy, Well, I still think there's a Santa Claus.

Small Boy. Yeah? Well, what makes you think so?

Smaller Boy. I just know. Besides, my mother and father told me so that's what.

Small Boy. That's all just make believe. Christmas is the day of Our Lord, and you're supposed to pray and tell Him how thankful you are. Smaller Boy. For what?

Small Boy. Why, for getting all the presents you prayed for all year, of course.

Smaller Boy. Well, my mother told me I should write to Santa Claus and thank him for bringing me all the things I asked for in the letter I sent him before Christmas.

Small Boy. Aw, you're just a baby. There isn't any Santa Claus, I told you. You'd better think about the Lord on Christmas and do what you're supposed to do. He knows everything you do and say.

Smaller Boy. So does Santa Claus. Small Boy. You'll find out some day! If you're good like God wants you to be, you'll go to Heaven when you die and have all sorts of good things for ever and ever.

Smaller Boy. Well, I don't know about when you die and that, but I think Santa Claus is nicer He brings you all sorts of good things every year if you're good; and if you're bad he doesn't bring you very much, but he's as nice as ever next year.

Small Boy. Heaven has angels with golden wings and beautiful music games to play and everything like that, and when you get there God takes you by the hand and greets you with a splendid smile, and then you're just wonderfully happy. (Continued on Page 2, Col. 1)

## TECH DEBATERS Small Boy. Santa Claus! Don't you BEAT CLARK U., LOSE TO H. C.

In the third debate of the Worcester Intercollegiate Debating Tournament, Tech emerged victorious over Clark University Tech represented Council Group Clark University. Tech, represented by Henry Oletz and Subbiah Mu-Inspects Tech thiah, took the affirmative side of the debate on Federal Aid to Education. On the negative side, representing Clark, was Charles Velandré and John Swandstrom. The judges were Thurston Taylor, Librarian at the Worcester Free Public Library, Prof. Mackenzie of W.P.I., and Dr. Campbell, Professor at Clark University who selected S. Muthiah as best speaker of the evening.

On December 3, Tech lost its first debate of the Tournament to Holy Cross College. Henry Oletz and Subbiah Muthiah presented the affirmative for Tech and Richard P. Buellesbach and John M. Kallaugher presented the negative for Holy Cross.

On the seventh of December, Jack Meade and Tejinder Chaddha won over the Clark debaters. Tej Chaddha was selected the best speaker of the evening.

Recently there have been nondecision debates with Clark on Federal World Government and intraclub debates have been held on Socialized Medicine.

Present standing in Worcester Intercollegiate Debating Tournament:

Market Street	Won	Lost
Holy Cross	2	0
W.P.I.	2	1
Clark	0	3

## **Tech Soon to Have Own Radio Station** On College Network

Worcester Tech will soon be on the air again. Since school started this year Clayt Roberts and Bob Smith have been working on the new transmitter and are near completion Through the help of Don Howe and our club secretary, Ed Drechsel, the station will soon be re-licensed after going through some red tape at the Federal Communications Commission, and wonderful things to eat and The school station intends to join a college network that holds periodic schedule connecting many of the colleges throughout the country.

> Code classes are being held every Wednesday for the club members (Continued on Page 4, Col. 1)

The President extends Holiday Greetings to all hands and trusts that Tech men will experience a most Happy Christmas-tide with their friends and loved

# **Professional**

National Rating of College Determined By Examination

It is the custom for all engineering colleges that wish to be recognized for national rating to submit to an inspection by an authorized board. On Wednesday, Dec. 10, Worcester Tech was accredited by the Engineer's Council for Professional Development. W.P.I. has been examined and accredited in the past, but it is expected that all curricula be examined from time to time.

As a result of this examination, the air was on the tense side Wednesday Incidentally, I am happy to report that the Senior Chem Engines, who were in the E.E. lab during the inspection, succeeded in completing their experiments without blowing up the place. You have our congratulations, gentlemen.

The committee was here expressly to inspect the four engineering departments - Mechanical, Electrical, Civil, and Chemical. Prof. T. B. Drew of Columbia University examined the Chemical Department. Prof. Albert Hearltein of Harvard inspected the Civil Department. The (Continued on Page 2, Col. 2)

## Now Hear This -

The staff of the TECH NEWS wishes all hands a most merry Christmas Holiday. The staff also hopes that all hands will keep an even keel (especially on New Year's Eve) and that they will take advantage of this convalescent leave to have a complete overhaul (not necessarily in drydock), get up a full head of steam, cast off all lines on the evening of 3 January, and get underway promptly on the morning of 4 January, so as to enjoy smooth sailing throughout the New Year.

## **Annual Fall Sports Banquet** Climaxes Gridiron Season

## **New Student Union** Center Scheduled To Open in January

SCA Completing Remodel Job; Coffee Shop, Canteen Features in New Lounge

Shortly after the return from our recess, the greatest-and the firststudent center to appear on the W. P. I. campus will open its doors to receive the student body. During recent weeks interior renovations have been carried out, these to be complete within a matter of days. The upper order to accommodate the instructor and his wife, the two of whom shall the war years. fulfill the role of protective guardians. The main floor, consisting of four rooms, will provide the only floor space to be utilized at present for the students' purposes. The upper rooms which in the future may be developed into club room facilities for campus organizations, must temporarily re main as they are.

The four rooms shall be used as dining and lounging facilities and recreational functions as well. The two rooms to the right of the main entrance will be reserved for a pool table and a ping-pong table, these rooms to be known by the auspicious titles, the "pool room" and the "ping-(Continued on Page 4, Col. 2)

City Colleges

## To Hold Eco. Conferences

The Economics Department of W.P.I. is playing host to an intercollege foreign trade conference to be held Thursday eve at 7:30 P.M. January 6, 1949 in Boynton Hall, Room 19. The conference is made up of students from W.P.I., Holy Cross, Becker, and Clark. The topic of the evening is "Letters-of-Credit Uses and Supporting Documents". The two speakers, both specialists in the eign trade are cordially invited to the conference.

The schedule for the remaining conferences are as follows: February 3, 1949 at Holy Cross; March 3, 1949 at Clark University; April 7, 1949 at Becker Jr. College,

## **Prexy Greets, Banx Humors**, and Melich **Toasts Students**

Tech's "Iron Men" Teams Honored; Their Victories Relived

For weeks the revival of the Annual Fall Sports Banquet has been in the News spotlight. Even the Old Timers among us could not vividly recall this custom of yesteryear. All that has changed! Monday evening, December 20, the Fall Sports Banquet returned to the Tech social calfloor has been partially remodeled in endar, and all indications are that another Tech custom has survived

> A prime requisite of any banquet is a good meal, and Dormitory Superintendent Robert P. Rochette's catering left a well-fed, contented audience -an easy set-up for any clever toastmaster. President Wat Tyler Cluverius opened the after-dinner program according to custom with a warm greeting to all. Then, Doctor Joel Melich proceeded to live up to advance billing, as he pepped up the party with his wide repertoire of stories. Al Banx, noted cartoonist of the Worcester Telegram and Gazette followed with his cartoon talk. By then, everyone was in a happy frame of mind, and all thoroughly enjoyed a retaste of victory with the showing of movies of Tech's 19 to 6 win over American International College.

> After the movies, the reason for holding the Fall Sports Banquet took place with the award of letters. Football, soccer and cross-country lettermen received the letters and the applause of their fellow students which was so richly deserved. These lettermen and their teammates who participated in any one game were the honored guests of the banquet together with their coaches, the speakers of the evening, and representatives of the press.

With that the banquet came to a close, and the Engineers reluctantly field, are Mr. John Miller of the returned to their sliderules. The Norton Co. and Mr. John Fitzgerald large attendance and the response of of the Kerston Shipping Co. All per- the entire group should constitute the sons interested in this phase of for- most rewarding type of acknowledgement for those who made the Fall Sports Banquet possible. Still, for the record, a vote of thanks is extended to the originators of the idea and to the Athletic Council for their outstanding work in planning and presenting the program.

# MERRY CHRISTMAS

## TECH NEWS

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## Santa Claus

(Continued from Page 1, Col. 1)

Smaller Boy. Santa Claus has a sleigh full of wonderful things and reindeer that fly through the air and pretty jingle bells.

Small Boy. You're just too young to understand these things. God is like a Great Spirit. And when you go to Heaven you're always in around you for ever.

must be like a Great Spirit too, beause on Christmas everybody is so happy and good, and it seems like nothing bad could ever happen while his spirit is there. I think it would be nicer to have the spirit of Santa Claus right inside you like that all the time than to have any other kind of spirit just all around

Small Boy. Aw, you're just too young to understand.

## WPI Inspected

(Continued from Page 1, Col. 3) Electrical Engineering Division was put through its paces by Prof. Arnold L. Hazen of M.I.T. Prof. L. C. Lichty of Yale examined the Mechanical Department. Dean S. C. Hollester of Cornell University was chairman of the party.

This committee will carry its findings to the Council which will eval-God's presence and His Spirit is all uate the results. The final analysis of the Council will be made known Smaller Boy. I think Santa Claus during the early part of next year.

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STREET FLOOR

## Fraternity **News Bits**

By NORM BROWN

Taking inventory after the formal weekend, S.P.E. found L. T. Hill minus his pin and Janet Bridgham sporting a ring presented by Bud Foss, Still not satisfied, Sig Ep held another corker of a house party after the M.I.T. game. On Sunday they entertained a group from the Worcester Boys Club, who have fewer of the material things which we take for granted.

L.C.A. woke up to find Jack Writer's pin on Eleanor Young and Mark Baker's pin on Kay Nordstrom. Santa Claus brought a full pack to Lambda Chi on Friday, Dec. 17, to give a group of underprivileged children a grand time. On Tuesday, Dec. 21, books and cares were stacked on the shelf as everyone turned out for the Good Yule Party.

Highlighting the M.I.T. game was a super deluxe house party at A.E.Pi with the boys from T.K.P. as special guests. Theta Kap turned out in full force to start the ball rolling in a big way on what, it is hoped, will be a revival of one of the finest customs on the hill. Smiley Ruhman was given a big send-off Friday night and tied the knot on Sunday. Congratulations, Smiley.

Theta Kap threw a Christmas party for twenty children from Nazareth Orphanage in Leicester. There was an abundant supply of presents for Santa Claus Fran Bigda to hand out, and refreshments and entertainment were equally plentiful.

Fifty alumni, brothers, and pledges (Continued on Page 4, Col. 3)

## THOSE WERE THE DAYS

By ROLAND BEDARD

inhabitants of Boynton Hill. It means the coming of winter and the festivity of the formal week-end; it heralds a season of Christmas cheer and a welcome holiday from our

Among all these significant December events the initiation of the basketball season ranks high. This year our varsity promises to be a great team, showing fast ball handling and improved teamwork. Tech looks forward to a good season,

However, basketball has not always had such a prominent spot. In fact, prior to 1902 the sport did not exist at Tech. In that year basketball began when an informal team arranged two games with Worcester Academy, and won both.

The following year our Athletic Association sponsored the team, which made a fair showing. In 1904 we won only two games out of eight, both victories being against M.I.T Enthusiasm rode high during the 1904-1905 season when Tech triumphed in seven games for an impressive record, but the poor results of the next four years discouraged support of the team, and basketball was dropped in 1910.

During these first eight years our teams had been greatly handicapped by the lack of a gymnasium. The players practiced on a makeshift

December represents a lot to us court in the Mechanical Lab., and because of the small floor space they had little opportunity to perfect teamwork. Another factor which contributed to basketball's being abolished was the vigorous theory of the Athletic Association that finances were not adequate to support it.

> The need of a court was resolved by the erection of the Alumni Gym. In 1916 basketball returned as interclass and inter-fraternity competition. The Freshman class of 1920 and Lambda Chi Alpha were school champions that year. Tech rejoiced in 1917 over the new varsity, and a 2-wins-5-losses record did not discourage this young bunch, mostly Freshmen. They had just begun to fight-a fact proven two years later when W.P.I. won the New England Championship, being undefeated by any N.E. team. Coach Swasey's brilliant machine defeated New Hampshire, Springfield College and twelve

This impressive showing put Tech in the limelight, and we received invitations for games from Harvard, Yale, Princeton and Dartmouth. That next year we played eighteen games, losing only three.

The two following years we won only half our games, and WPI fell from the heights achieved by the 1919-1920 squads. Recently several outstanding teams have represented Tech, such as the sparkling '39-'40 bunch, and the terrific group in '42-'43. Now let's go, '48-Show 'em!

## CAREERS AT GENERAL ELECTRIC



General Electric is not one business, but an organization of many businesses, offering opportunities in virtually all the professions. Here three G-I men brief the career possibilities which the company offers in business, in electrical engineering and in sales engineering.

#### HE WANTS TO START YOU IN BUSINESS

R. J. Canning (Michigan), Director of the G-B Business Training Course: Every year I interview and select seniors interested in G-E business careers. Our training course gives to business administration and liberal arts men practical experience in business procedures as well as evening classes in company accounting and financial operations.

ELECTRICAL ENGINEER

A. H. Lauder (Wyoming), Assistant Manager of a G-E division: I don't think opportunities were ever better for the engineer who takes his engiavoids the temptation to swerve off into administrative work. In my 26 years here, I've found variety and opportunity for creative thinking.





## SALES ENGINEER

P. C. Shirkey (Princeton), G-E sales representa tive: The company needs many men to do the kind of work I'm doing-that is, to keep up with new apparatus and find economical and practical applications for it among G-E customers. The company runs its own course for us, with studies in engineering as well as in sales methods.

ation about a BUSINESS CAREER with General Electric, write Business Training Course, arear in TECHNICAL FIELDS, write Technical Personnel Division, Schenectady, N. Y.

GENERAL 8 ELECTRIC

SPORTS

## SPE UPSETS PGD GIVING A TRIPLE TIE FOR FIRST

The unusual happened again as misfortune struck deep in the race for the top position in the inter-fraternity relays. This time Phi Gam was on the wrong end of the rope when it broke and Sig Ep on the right side. With the season approaching its last few races, it seemed evident that the TECH DOWNS Fijis were to repeat their performance of the previous year. They exempli fied this just two days before their defeat when they turned in the best time of the season against Lamba Chi, running the tune of 2:23.4.

#### SPE Beats PGD

covery of his footing and the race was not decided until the baton was Besselievre. Fred proved to be too fast for Don Weikman and Sig up soon. Ep brought the league into a threeway tie for first place. Sig Ep's time of 2:24.0 in this race was their best of the season and second best turned in this year by all the teams.

#### Big Race Tuesday

Theta Kap put in their bid for a first place spot by taking an important race from Phi Sig. However, either SPE or TKP will be

knocked from the winning ranks on The big race began with Bob Ful- Monday when they will be running mer giving PGD a small lead only to against each other. The winner will have Bud Mackay slip on his first probably end up in a tie for first turn. However, Bud made a fine re- place with PGD, providing Phi Gam defeats Theta Chi. The race for the trophy will undoubtedly come on handed to SPE's anchor man, Fred Tuesday, which is the only day left since a slight recess will be coming

The standings:

Team	Won	Lost
Sigma Phi Epsilon	6	1
Phi Gamma Delta	6	1
Theta Kappa Phi	6	1
Phi Sigma Kappa	5	3
Sigma Alpha Epsilon	4	3
Lamba Chi Alpha	3	4
Alpha Epsilon Pi	1	6
Theta Chi	1	6
Alpha Tau Omega	0	7

## **UConns Sink Engineer** Mermen by 47-28 Count

opened their season against the University of Connecticut. The balcony was packed with Tech men and their girls. They saw Connecticut sweep the meet 47 to 28. The out of statemen started right off on their winning ways by taking the three hunway. He finally won by ten yards as yard freestyle was close throughout length also. with Connecticut winning.

second place in the last lap for Tech. piling up points by taking first and hundred yard relay.

Friday night the Tech swimmers second while Harvey Howell got third for Tech. Sid Madwed stuck with Jenkins in the hundred yard freestyle until the last lap when he tired and slipped back to third place.

In the hundred and fifty yard backstroke Bill Bowen held his own until the last lap but Connecticut won again. Pete Kahn finally got dred yard medley relay. The two Tech in the winning column by taktwenty free style saw Jenkins of Con- ing the two hundred yard breast necticut lead Butch Brown all the stroke by half the length of the pool. Jones of the visitors came back to Butch came in second. The sixty take the four forty freestyle by a half

The meet ended with the Tech Dick Olson surged from third to rooters screaming madly as Bill Bowen closed up an eight foot Connecti-The Connecticut divers continued cut lead to give Tech a win in four

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## Engineers Trample Cambridge Cousins

## MASS. 50-49

### MacNultymen Record First Victory In Overtime Contest

After being thwarted in their first outing against Devens College, our Tech cagers found themselves in the closing minutes of a hotly contested battle against Mass. U. to outlast the Redmen 50-49.

It was a thrilling overtime struggle that was not decided until the final gun. After Tech had pulled to the fore, 13-6, after five minutes of play went ahead at half-time 19-18.

The game remained close all through the second half, with the lead changing hands four times. With Mass. U. leading 44-42 and less than a minute to go, Bill Collings tied the count with a pretty hoop from the keyhole.

In the overtime, Collings, Richie Howard and Steve Ucich found the hoop for double deckers to put the Engineers on top at the final whistle

with 16 points, followed by Collings and Andy Freeland, who caged 11 and 10 points respectively. Gagnon was top scorer for the home team with 20 points.

It was a rough contest all the way with two of the engineers being ejected via the foul route, Mc-Cauley of the Redmen also achieved this distinction.

## Varsity Challenges IF Relay Winners

The Tech News has just learned from a very good source, that the Interfraternity Relays are not the of the reserves for both squads. dates are working out now in antici- but Coach McNulty countered with pation of the big meets in the Boston Garden. Tech will send a team to the K. of C. Relays on January 22 and the B.A.A. games on Feb. 5th.

George, Bob and Joe Wish You a MERRY CHRISTMAS and A HAPPY NEW YEAR

## WPI Romps Over MIT 59-37 As **Ucich and Howard Lead Attack**

By GERRY ATKINSON

"Somewhere the sun is shining, somewhere the children shout, but there is no joy in Cambridge, mighty M.I.T. lost out." The high-flying Engineers, fresh from a slim seven point loss to Boston University, were brought to earth with a jolt by a Tech team that would not be denied. The efficiency experts of Boynton, who lost to Devens by one point and bounced back against the University of Massachusetts to win by the same slim margin, put the chill on this fracas early and won going away by the handsome edge of twenty-two points.

#### **Early Lead**

Tech's starting quintet of Richie Howard and Bill Collings, Andy Freeland, Steve Ucich and Bill Methe Amherst five closed the gap and halick poured six points through the twine in a torrid outburst before the visitors were able to catch their breaths in a hasty time-out. But the Macmen did not slacken their fiery pace, and midway through the first half the score-board registered a 12-5 verdict in favor of the home-town heroes. The early stages of the game saw the pattern set for what was to follow: Tech sweeping the ball from the boards and forcing M.I.T. to operate from the outside. Ucich clamped the lid on the rangy "Louie" Morton Howard was high scorer for Tech and held him to only two points for the evening's total. When the claxon sounded at half-time, Tech's classy courtiers had widened the gap to

#### Whiz Kids Fizzle

The visitors' biggest surge came when hostilities were resumed in the second canto. Whipping the ball around at a dizzy clip and finding the center of the hoop with alarming consistency, M.I.T. lifted themselves by their boot-straps to within eight points of the Macmen. Stung briefly, Tech slammed the door in their faces and poured it on to sprint to 39-26. The second half saw the appearance only track activities here on Boyn- M.I.T. changed to their "mosquito" the "beef trust" of Russ Norris, Walt Kolodne, and George Barna to cut them down to digestible size. When the final buzzer rang out, Tech had out-classed, out-scored, and outfought their rivals from the East to triumph going away, 59-37

#### Steve & Richie Lead

The laurels for the outstanding player of the night undoubtedly go to Steve Ucich, who in addition to playing an immense game on the defense, pitched sixteen points through the twine to win high point honors for the fray. Ritchie Howard made good on the publicity splash he received in the Telegram and poured in fifteen points to become Tech's number two man. M.I.T.'s big gun was Madden who tossed fourteen points for the visitors and received a

well-earned round of applause when he left the game. Tech was awarded twenty-seven tosses from the foul line, of which they cashed in on seventeen. In twenty-one lobs from the penalty strip, M.I.T. converted only nine into the scoring column.

#### B. U. Next

The next outing for the Boynton Bombers will be a stiff test since they will meet powerful Boston University at home on the eighth of January. But Coach McNulty was very much pleased with the showing of his boys, and after the game he made the statement that his charges had at last arrived. In their previous two contests, as Mac had phrased it, the team had been absorbed in mastering the fundamentals of a new style. Once having done that, the sky's the limit in the future.

## Jayvees Lose

The junior set was not as fortunate as their big brothers, for the Tech Jayvees dropped a decision to the M.I.T. Jayvees, 58-49. With "Ro" Saint Louis hitting dead center and pacing the attack, Tech was out in front at the first quarter 11-10. But the visitors hit their powerful stride at last and pulled quickly away on a combination of screen set shots and fast breaks. At half-time, M.I.T. led 29-19. In the second stanza, Tech gave frequent promise of flagging ton Hill. The varsity relay candileteam with the emphasis on speed; down their opponents, but they never quite made up the deficit and trailed nine points at the climax, 58-49. The Saint and Al Ferron were the one-two punch in a losing cause.

TECH		f.g.	f.t	1.	pts.	,
Collings	f	1	2	3	4	
Converse		1	0	3	2	
Howard	f	6	3	4	15	
Chapman		0	0	0	0	
Ucich	C	7	2	3	16	
Freeland	g	2 2 1	5	0	9	
Kolodne	37 34	2	4	0	8	
Mehalick	g	1	1	3 3	3	
Bradlaw	ordo u	0	0	3		
Norris		1	0	0	2	
Barna		0	0	0	0	
Totals		21	17	19	59	
M.I.T.		f.g.	f.t	. f.	pts	
Honkalehte	f	- 2	2	3	6	
Butzow		1	0	0	2	
Morton	c	1	0	1	2	
Hong		1	0	3	2	
Rorschach	g	0	0	3	0	
Corrie		1	3	2	5	
MacMillian	g	1	0	3	2	
Madden	f	5	4	5	14	
Inman	f	2	0	1	4	
Hitchins		0	0	0	0	
Campbell		0	0	0	0	
Totals		14	9	21	37	
Referees: O	Brian	and C	arr	iga	n.	

## **FOOTNOTES**

By PHIL STANIER

#### Anticipating the Christmas Holiday

My inhibitions must be quenched So that mechanical flow of cocktail patter, Built up from days into months, can entertain my friends

And embarrass the strangers.

The conversation will be so enlightening. There will be talk of recent engagements. marvellous parties,

The latest cinemas, divine Anthony Eden, and the girl, well . . .

All blended with gossip.

No one is really interested, but they shall be discussed

By the enlightened seven percent. With the smell of spirits getting stronger

the time has arrived for decision. I like Mahattans, but Martinis are stronger. I guess I'll have a Martini, or two, or

Ah, a lady approaches, bringing with her a host of inquisitive eyes,

Males appraising the figure, and females x-raying the labels.

My date, my companion, and so lovely Now I must exhibit her at close range, For clammy handshakes and introductions are in order.

So quickly a group is established, friends of ours,-

Everyone must feel as fuzzy a: I do. They're even laughing at jokes that I know They've heard in the neighboring circle. Another round of drinks,-Gad, my date's

There now she's talking to that skier, He'll fill her with foolish prattle about the slopes at Stowe,

What a charmer. Well, he can substitute for me.

I'll sit down for awhile. Someplace where it's quiet.

What a deafening, stupid buzz they make. They pretend nicely

I'll close my eyes for a minute, then I'll be back.

Yes, I'll go back then.

## **WPI** Radio Station

(Continued from Page 1, Col. 2) and anyone interested. So far quite a bit of progress is being made and a few members are nearly ready to apply for their amateur radio licenses. It is urged that anyone interested in getting their licenses to start on this code class as soon as possible so that the class will not be too far ahead of them.

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## Student Union

(Continued from Page 1, Col. 4)

pong room". The other two rooms, to joined at A.T.O. on Sunday to make lounging chairs and tables as well as the Tech Canteen and Coffee Shop. Here will be the radio and record player, as well as a piano.

During the vacation the members of the Student Christian Association Cabinet will carry out the final details of renovating Riley House. The menial lot of washing windows and waxing floors will be the task of the co-sponsors of The Center.

Upon opening it will become a shelter to the battered refugees from the tempest that is the curricula at Tech. Open throughout the day 'til five, it shall be yours, the student's, to utilize and to entertain visitors.

## Patronize Our Advertisers

## Fraternity News

(Continued from Page 2, Col. 3)

the left of the entryway, will contain the Alumni Banquet a huge success. Walt Keyl and Santa Carl Johansson brightened things up for twenty 5-8 year old youngsters from St. Anne's Orphanage last Friday. The kids enjoyed everything from refreshments

Worcester Telegram

The Evening Gazette

Sunday Telegram

Radio Station WTAG

went away convinced that it was really a season to be jolly.

and movies to St. Nick himself and fine spirit they have shown in filling with joy and happiness what would ordinarily be a very empty Yuletide The various houses are to be con- for numerous underprivileged chilgratulated and commended for the dren throughout the Worcester area.



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## Science paints the future

41 of every 1,000 U.S. chemists are engaged in production of paints, lacquers, varnishes and colors

Modern paint making is an outstanding example of chemistry at workof the way the scientific approach has replaced rule-of-thumb methods.

Today, paints are formulated by chemists to meet specific needs. In their search for better finishes, these highly trained technical men are aided by the electron microscope and infrared spectroscope. A variety of gonio-

blow won't break. Tests with mechanical scrubbers prove it outwears old-style enamels by more than five times. "Dulux" enamels now guard boats, large and small, as well as petroleum tank farms, machinery and other industrial installations.

At Du Pont's paint laboratories, a widerange of materials is understudy. Where the colloid chemist, the physical and organic chemist, the analyst, physicist and other technically trained men leave off, the chemical engineer, mechanical engineer and metallurgist stand ready to design equipment to make better commercial production possible.

## Modern equipment speeds research

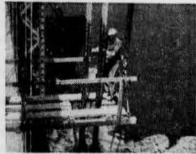
Many of today's research tools are complex and expensive. The modern research worker may use a \$30,000



Mark P. Marse, B. S., Physics, Washington College '40, measures specular and diffused reflection of a sample paint surface with a gonio-photometer, a Du Pont development for obtaining data on gloss and brightness.

mass spectrometer installation which can make an analysis in three hours that formerly took three months. High pressure equipment, ultra centrifuges, molecular stills, and complete reference libraries are other tools which speed research and enlarge its scope.

Young scientists joining the Du Pont organization have at their disposal the finest equipment available. Moreover they enjoy the stimulation of working with some of the most able scientists in their fields, in groups



Rust would quickly weaken this structure, Be-"Dulux" resists salt water and salt air, it has for years protected many famous bridges.

photometric and spectrophotometric devices are used by the physicist and physical chemist in the study of gloss

Du Pont men have produced many superior finishes. One of them, "Dulux" nitrocellulose lacquer, made mass production of automobiles possible by shortening paint drying time from weeks to hours.

Finish failures - chipping and scratching-were costing manufacturers of home refrigerators a million dollars a year before Du Pont chemists developed "Dulux" synthetic resin enamels, based on alkyd resins. A "Dulux" coating on metal or wood dries into a film that even a hammer



Satin-smooth beauty and outstanding durability are properties given by "Duco" or "Dulux" to furniture, trucks, buses and trains.

#### Send for your free copy of this new booklet

The 40-page, fully illustrated brochure, "The Du Pont Company and the College Graduate," answers your questions about opportunities at Du Pont. Describes openings in research, production, sales and many other fields. Explains the plan of organization whereby individual ability is recognized and rewarded. Write today. Address: 2518 Nemours Building, Wilmington 98, Delaware.



Paints are tested by exposure to weather at paint "farms." Research men interpret results as guide for development of improved paints.

small enough to bring about quick recognition of individual talent and capabilities. They find here the opportunity, cooperation and friendly encouragement they need. Thus they can do their best work, both for the organization and themselves.



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