

Trustees Reveal Job Situations, College Outlook

At the winter session of the Tech Trustees many points of interest to the students and alumni were discussed.

The TECH NEWS wishes to congratulate Worcester's Mayor, Mr. Andrew B. Holmstrom, Class of 1917, who sits in on the Board of Trustees as a member, ex-officio, by virtue of his position as chief administrator of the city. It is the first such instance in the school's history, and serves as an outstanding example to the student body of the work of our alumni in civic matters.

Paul R. Swan, director of placement, spoke to the board on job prospects for the graduating class. His discussion showed that industry has definitely settled into the pre-war pattern of judicious hiring of employees on not only the basis of scholastic work, but also on the more intangible aspects of a man's college career. The prospective employer is interested in the man's personality, his willingness to work and cooperate, and his extracurricular activities. His outside college work gives to the employer a yard-stick by which he may measure the employee's ability to

handle a job and at the same time to be able to cope with the added burdens of civic life.

Dean Howe commented on the general overall trend to a lowered college attendance, and pointed out that there is a noticeable shrinkage in applications for the coming year. Veterans make up only 8 per cent of this group. The bright spot is that the percentage of highly qualified applicants has risen over last year. With these facts in mind, it was reported that a motion picture on Tech life is in the offing to help publicize the college.

Admiral Cluverius sounded a warning note when he said that the high-grade independent college must present its advantages in a forcible manner to the public. This is necessary to overcome the competition of State-aided institutions. There is also the possibility of Federal aid in the near future. He stated that for privately-endowed institutions to expect government support is a dangerous trend.

The meeting presented a clear picture of the future pattern of Tech life, as well as that of all privately-endowed institutions.

Figures Read in Black for 1950 Treasurer's Report Discloses

Your Education Costs Institute \$816 Per Man

Following an American tradition, we are always interested in where our money goes and what it does after it gets there. Tech men are no exception to the rule for they are always questioning the way their tuition money is spent by the Institute.

Using the latest Treasurer's Report to the Board of Trustees as a basis, some facts of expenditures may come to light which will surprise the average student.

Working with an average student body of 880 the total expense of operating the Institute for the past academic year exceeded \$718,000; a cost per student of \$816 compared with a \$600 tuition. The money needed to make up the difference in these figures was obtained from Institute investments and other sundry sources. In a total income of \$726,600, investment earnings accounted for 21.2 per cent of all income while tuition and other income made up 71.1 per cent and 7.7 per cent respectively.

The Institute spent \$718,100 the past fiscal year divided thusly: cost

of instruction 60.2 per cent, administration expense 18.3 per cent, maintenance heat and power 21.5 per cent.

With a productive endowment of over \$4,500,000 and other invested reserves as well as a scholarship reserve fund, the Institute is quite sound financially in these departments. The institute also has a loan fund of \$47,000 for aid to needy students.

During the fiscal year 1947-1948 the Institute gained \$8,500 operating with 880 students. For the coming year an expected student body of 800 and the same if not higher total expenses will cause operation at a deficit unless some new source of income is discovered.

In regard to any question of how Worcester compares with any of 500 private and denominational colleges and universities included in a recent survey, tuition at Tech is contrasted with \$415, the average of the other schools in question. The estimated average total cost per student during 1941-1942 has increased 34.8 per cent as compared with Worcester's 50.7 per cent.

Annual Program Unites Choraliers

Freshmen Win Chm. Handbook

This year the Chemical Rubber Company of Cleveland, Ohio initiated a Chemistry Achievement Award to the highest ranking student in first-year chemistry in every college in the country. The prize consists of a free copy of the latest *Handbook of Chemistry and Physics* embossed with the winner's name in gold.

Due to the scope of the program, only one prize could be given to each college. However, the highest grade in the course on the Worcester Tech campus was secured by two students. Their averages were so close that they were identical to the fifth decimal place. Because of this unusual case, it was decided that two awards should be given. The winners of the award were Charles Otto Dechand of Waterbury, Connecticut and William Joseph Troop of Haworth, New Jersey.

The awards were given shortly after the close of the first term. The Handbook Award, supervised by Professor Feldman, has definitely added to the interest in the first-year chemistry course.

NEW STAFF FOR NEWS

The elections for the officers for the TECH NEWS were held recently, and Gerald F. Atkinson was elected editor-in-chief. He has had much experience in the journalistic field prior to his coming to Tech. He was editor-in-chief of the year book at the West Springfield High School, and also wrote up varsity high school sports for a Springfield paper.

Others elected were: Donald C. Lewis, Managing Editor; Richard A. Coffey, News Editor; Paul M. O'Neil, Feature Editor; Andrew C. Andersen, Secretary; Subbiah Mutthiah, Sports Editor; William Horney, Business Manager; Tom Hodgett, Advertising Manager; William Cunnene, Circulation Manager.

Unfortunately, however, Subbiah Mutthiah, Sports Editor elect was disqualified from further study at the institute, so a special election was held on Thursday afternoon, February 16, 1950, at which Richard Ferrari was elected Sports Editor.

AERONAUTICAL EXAM OFFERED TO STUDENTS

Preference To Be Given To Veterans; Deadline Set As of Feb. 28, 1950

The board of U.S. Civil Service Examiners, National Advisory Committee for Aeronautics, has announced a nation-wide examination for probational appointment for Aeronautical Research Intern in science and engineering.

Any student of aeronautical, civil, mechanical, electrical, or chemical engineering, as well as chemists and physicists, who will have completed his course of study by June 30, 1950 is eligible to take the examination. Applicants must be citizens or owe allegiance to the United States. A physical examination will be given by a Federal medical officer before appointment.

Broad Subject Coverage

The written examination will be given in the near future. The time and place will be announced after the application has been filed. It will be held in all the major cities of the country. The examination will be about four hours in length and will cover the subjects of basic physics, spatial visualization, mathematical formulation, and a test of ability to read accurately a table of figures. A special section concerning the field of chemistry will be presented to the chemists and chemical engineers. A slight preference will be given to applicants who are veterans of the armed forces.

Advancement Opportunities

This examination offers unlimited opportunities to graduating engineers to engage in research work in the aeronautical field, and also to continue their education in order to obtain advanced degrees. A successful candidate is awarded the grade of GS-5 (formally known as P-1) which guarantees a starting salary of \$3100 per annum with periodic pay increases up to the maximum of \$3850 a year.

In Touch with Modern Trends

The N.A.C.A. research centers are located at the Langley Aeronautical Laboratory, Langley Field, Virginia; Ames Aeronautical Laboratory, Moffett Field, California; and at the Lewis Flight Propulsion Laboratory in Cleveland, Ohio. The appointee is then given assignments of research and supervised study which will prepare him for his future work in the

See AERONAUTICAL—Page 4

*Close Harmony, Dancing to Follow For Delight of All

Univ. of Conn., Becker Jr., And Tech Glee Clubs in Best Concert To Date

The rafters of Alden Hall will swing and sway Friday night, February 24, as the University of Connecticut Glee Club, one hundred voices strong, comes to the Hill to give a combined concert with our own Club and a contingent of twenty-five girls from Becker Junior College. The program will start at 8:00 P.M.

One hundred and ten male voices will vie with ninety in the upper octaves both during and after the concert, when there will be a dance in Alden. Tickets for the concert are 50¢ for students, adults 75¢, and \$1.20 for patrons.

The Tech Glee Club wishes to take this added opportunity to express their warm regard for and many thanks to all their patrons, and hope that the concert will prove the musical success that they desire and help to support.

After a short rehearsal Friday afternoon, the visiting firewomen (and men) of Connecticut and Becker will be taken on a tour of the campus, though probably not through such areas of mystery as Dr. Masius' office and the E-14 lab, following which there will be a dinner in Sanford Riley Hall.

Songs of the program will include "Climbin' Up The Mountain," a Negro spiritual, "The Sleigh", the "Drinking Song" from Student Prince, "Sourwood Mountain" and Handel's "Let Their Celestial Concerts All Unite". Two new Tech songs will be introduced by our own Glee Club.

The Carollers of the University of Connecticut and our own Octet will each have portions of the Concert. The Octet will not divulge their program, but lately they've been harmonizing on some really laugh-provoking songs. Their Choraliers are guaranteed to be, in voice and spirit, at least equal to our own elite.

For those fortunates who know a Worcester girl, the record dance right after the Concert will be open to the public. As for the Glee Clubs, it's figured that by that time the one hundred and ten men and ninety women will have resolved themselves into couples. The twenty extra men, after reams of paper work by Cliff Green, have been sorted down to

See CHORALIERS—Page 4

TECH NEWS

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EDITOR-IN-CHIEF Gerald F. Atkinson		FEATURE EDITOR Paul M. O'Neil	
MANAGING EDITOR Donald C. Lewis		NEWS EDITOR Richard A. Coffey	
SPORTS EDITOR Richard E. Ferrari		BUSINESS MANAGER William L. Horney	
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FACULTY ADVISER Prof. John H. Mackenzie			
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Editorial

Tech now stands at the cross-roads.

The Institute must either adapt itself to changing conditions and progress, or resist change and fall behind in the brisk academic competition that is flourishing.

It is now more than the seniors that are apprehensive of conditions that must be met after graduation, when the artificial competition of the class-room is exchanged for the fundamental competition of the paycheck. The fact that the existing market for the engineering services is swollen is a reality long apparent to the undergraduate, and now must surely be felt on the pre-college levels, where a young man chooses a profession, and at the same time a way of life.

In years past, it was sufficient to get a "higher education" of virtually any sort to give the individual a definite jump on the next fellow in the job market, where the differentiation between the high school graduate and the college man was sharp and distinct. But today increasing numbers of young men are flocking to the colleges yearly. Increased standards of living, government aid and grants, and a hunger for something better are contributory factors. The result, of course, is that it is no longer a question of "Are you a college graduate?" but rather "What college did you attend?" In striving to maintain its enrollment the individual school is placed in the position of evaluating its advantages over its rivals, and then convincing the prospective student.

If the student is reluctant to come to Tech, then Tech must go out and sell itself to the student.

The administration and faculty must determine where the real strength, and weaknesses, of the Institute lie. And then they must devise a program that will make the Tech student better trained and equipped than any other graduate to assume his place in industry. The Institute must have an effective and forceful placement program that will hold out to the Tech man a definite chance of post-college employment. And above all, Worcester Tech must make its name known and respected outside of the New England area through a revitalized promotion campaign. Unless Tech adjusts itself to the educational pace, it may have little use for a screening program for admissions, its high ratio of instructors to students may lecture to empty halls, and its high standards may be wasted on the empty air.

G.F.A.

W.P.I. TO ENTER BRIDGE TEAM IN TOURNEY

The evening of Saturday, February 25 will see eight of Boynton Hill's finest bridge players match wits with eighteen bridge hands previously prepared by the National Intercollegiate Bridge Tournament Committee. This meeting will be the last phase of the on-campus competition of the 1950 National Intercollegiate Bridge tournament.

Each college entering the tournament is mailed a duplicate set of eighteen hands. The four top bridge teams of the school then bid and play these hands, which are scored by the Tournament Director of the school. The team making the high score in each of the eight zones of the country will then play final duplicate matches in Chicago on Friday and Saturday evenings, April 21 and 22. All expenses to and from the finals in Chicago, including transportation, meals and hotel accommodations will be paid by the National Committee.

AROUND THE GREEK CIRCUIT

By STAN BERMAN

The smoke has cleared, and behind the envelope of destruction is viewed a beaten, disheveled, down-trodden individual: the student. The final examinations had taken their toll; but some of the more fortunate individuals emerged unscathed, although a little weakened. Two distinct philosophies evolved from the perilous journey. One, by the casualty-type student, states that life can be beautiful, but O! how dark it can get when the sun sets and the fruits of the labor are counted. The other philosophy, by those who returned from the battles untouched by the heavy hand of fate, states that the success of the coin-flipping system is not to be questioned, but rather it is to be taken as a foregone conclusion that it is unbeatable for finding right answers. Every man to his own system.

PSK

The boys at Phi Sig have almost completely recuperated from the vacation, and a semi-formal scheduled for next weekend seems to be taking preference over everything else. Last Friday they had an informal dance at the house, and Saturday night there was a rousing party after the game. I was under the impression that all the ENGINEER did was STUDY. I guess that I was under the wrong impression. Phi Sig's bowling team welcomed Red Shattuck back to the ranks with open arms. The pins really fly when Red's on the alleys;

after getting his first strike of the day, he very nonchalantly mused, "What, only ten?" That's life, Red. The house is in an uproar every night now when the third floor "combo" of Brierly and Slocum do their evening exercises. Immediately following, the tape-measures are brought out to find what success is being obtained. Bets are being made as to how long it is going to last. Have faith men, Atlas didn't do it in a day.

SAE

Flash from Sigma Alpha Epsilon—Ernie Larose finally did it. Last Saturday after the game, all the boys turned out to celebrate the latest example of true love. The some-time-in-the-future bride is Barbara Burke of Worcester. The best of luck to you, Ernie, and to the little woman. Joe Togeran took a cue from Ernie and now Joe's fraternity jewelry is being worn by Lois Sahalle of Cranston, R. I. What is the secret of the success at S.A.E.? Dan Cupid must be a fraternity brother.

SPE

Sig Ep has nothing to say except, "We love basketball". If practice has any significance, these boys will really be the class of the fraternity league. Time will tell.

ATO

Alpha Tau Omega welcomes into the fold new brother Ernie Hollows and the returning of their prodigal son, Don White. Bouquets also to the newly elected officers. President for the coming year is Carl Johanson; Vice-President, Al Anderson; Treas-

urer, Ed Van Cott; Recording Secretary, Stan Lindberg. With the political campaign over, the boys are mainly concerned with the occasional snow-plow that gets lost in the neighborhood. These plows are playing games with the boys. The boys dig the cars out and the plow covers 'em up. The agriculture expert of A.T.O., Bill Nagle, states that the sudden snows have ruined the unseasonable crop of potatoes growing in the back seat of his car. I hope the Boys at A.T.O. don't go hungry.

A total of 773 students registered on Feb. 9, 1950, the Office of the Registrar reports. Broken down into classes, there were 190 Seniors, 177 Juniors, 186 Sophomores, 194 Freshmen and 26 Post Graduates. A sizeable drop is noted in the size of the present Senior class over last year's, which was the largest graduating class in the history of W.P.I. with 217 receiving degrees.

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ASME Elects New Officers

The student branch of the A.S.M.E. held its first meeting of the new term last Friday night. It was well attended, 78 members and three of the faculty were present to make this the most successful gathering to date.

New officers were elected at that time. In the years preceding this, elections were held at the end of each school year. The change was made with the intent of making the organization more efficient in the future. The newly elected officers for the year 50-51 are: Harvey Howell, president; Leo Lemere, vice-president; Maurice Gosselin, secretary; John Seguin, treasurer; George East, assistant secretary; Robert Baker, assistant treasurer.

A movie entitled "Jet Propulsion" was shown, and the meeting ended with refreshments for all.

Tech has entered the tournament the past two years and although the Boynton Hillers haven't placed a team in the finals yet, there have been many good teams entered in the preliminary rounds to determine our four best duos. This year's team has not yet been selected. Professor Longwell, Tech's Tournament Director, is the man to see if you want to enter a team in the tournament. The elimination matches will probably be played Thursday and Friday evenings of this week.



Student Union Building
University, Arkansas
(Fayetteville)

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UNIVERSITY OF ARKANSAS

VOL. 16 PATRIOTVILLE, ARKANSAS, FRIDAY, FEBRUARY 25, 1950

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TECH NEWS SPORTS

Boynton Bombers Gain Easy Victories Over Lowell Textile and Assumption

Howard and Brown Pace Engineers to Their 4th And 5th Wins of Season

In the dulllest game of the season, the Boynton Bombers completely outclassed a sluggish Lowell Textile quintet by a score of 63-48 last Saturday. The 15 point spread by no means gives a true indication of the decisiveness of the triumph. Showing the effects of the previous night's encounter with Springfield, the visitors were hardly a match for the well rested Engineers.

The home club, showing no ill effects from their week's vacation following finals, broke the game wide open midway through the first half. Thereafter Coach McNulty substituted freely in an effort to keep the score within reason. Harry Brown and Richie Howard led the scorers with 15 and 14 points respectively.

The Worcester Tech basketball team travelled out to Greendale this past Wednesday to do battle with the Greyhounds of Assumption, and when they returned a 52-43 victory was securely fastened to their belts. Once again it was Capt. Richard Howard and his running mate Harry Brown who led the team to its fifth victory of the season. Besides sharing scoring honors at 18 points apiece, Richie was up to his usual ball-hawking tactics, while Harry effectively covered Stretch Pontbriand, limiting the Assumption star to 13 markers.

Assumption sought to make the game close by employing a tight zone, while Tech dropped its weave and had Mehalick and Chapman playing catch on the outside, waiting for an opportune moment to pass in. Andy Freeland's 7 points kept Tech in the game and at the end of nine minutes the score was tied 15 all. Then Harry and Richie combined to send Tech out in front 20-15. From here in the Engineers were never headed, and they left the floor at half time leading 31-23.

When action was resumed, the Greyhounds began a steady comeback, spearheaded by Pontbriand and Gravel. The score stood 36-32 in favor of Tech, with the Greyhounds coming fast. However Harry took charge and meshed 7 straight points to pull the Engineers out of danger and choke off the Assumption rally.

In the preliminary game, Dick Hall led the Tech J. V's to a 36-26 triumph

over the Assumption seconds. It was their 7th straight victory and gives them eight wins against only one loss for the season.

TECH-52		43-ASSUMPTION	
fg	fp	fg	fp
Howard f	8 2 18	S.Sauveur f	2 0 4
Collings	0 0 0	Arsenault f	2 9 13
Freeland f	3 1 7	LeBlanc	0 0 0
Brown c	6 6 18	Putchriand c	5 3 13
Mehalick g	2 1 5	Brault	1 0 2
Chapman g	0 2 2	Archeambt g	0 0 0
Hoch	1 0 2	Potvin	1 0 2
Kolodne	0 0 0	Gravel g	4 1 8
Totals	20 12 52	Totals	15 13 47

WORCESTER TECH J. V.-36		26-ASSUMPTION COLLEGE J. V.	
fg	fp	fg	fp
Joest f	3 3 9	Vermette f	2 2 6
Hall	6 1 13	Deschamps f	0 0 0
Willard	0 0 0	Potvin c	0 2 2
St. Louis f	0 0 0	Richards g	5 1 11
Leach c	1 1 3	Blanchette g	2 3 7
Shebeck g	1 1 3		
Juinnies g	3 2 8		
Totals	14 8 36	Totals	9 8 26

PHI GAM GAINS SMALL MARGIN IN IF BOWLING

Champs May Be Decided After March 9 Contest Between Fijis and ATO

With nearly two thirds of the season completed, PGD holds a slight edge over ATO, SPE, and TKP in the intramural bowling tournament. The week preceding February 18 found PGD, ATO, and SPE winning 4-0 while PGD and TKP were gaining 3-1 advantages. Phi Gam, led by their perennial ace Hugh Lovell, needs a good win over ATO on March 9 plus easier wins over PSK and AEP to cinch the crown. SPE appears in the best position to overtake the leaders in their two remaining contests with PSK and LCA. The standings as of February 18:

PGD	14	6
ATO	15	9
SPE	15	9
TKP	14	10
PSK	7	9
LCA	7	9
TC	6	10
SAE	7	13
AEP	3	13

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Middies Sunk By Tech Destroyers 53-46

Reds Win Sixth From Outside

By BILL CIMONETTI

Once again the Rambling Red of Worcester Tech showed that they have the stuff from which champions are made when they outlasted a last ditch drive by the visiting Coast Guard Academy quintet and went on to win, 53-46. The battling Sailors, after trailing the locals all of the game, caught the tiring Engineers at 46 all with but two minutes to go, but the MacMen, employing deft ball handling, kept possession for most of the remaining time and drove home seven more points to ice the victory. It was the third win in a row for Tech, bringing the season's record to six wins against four losses.

The Engineers were the complete masters throughout the entire tilt, and it was only because they tired momentarily that Coast Guard was able to catch them. With just two minutes showing on the clock and the score standing at 46-46, Harry-the-Handoff Brown connected for three when he was fouled on a successful bucket shot. Tech lost the ball on a questionable back-court decision, but Bill Mehalick puller a C.G. shot off the boards and Brown and Howard put on a dribbling show, finally passing off to Freeland who was immediately fouled. He connected from the charity stripe, and in seconds Handy-Dan Hoch was fouled. He, too, saved the point. With but seconds remaining, Richie Howard scored with a driving lay-up to place the final at 53-46.

The Blue and White of Coast Guard opened the evening's scoring with a clean one-hander, but Whitey Chapman quickly put the locals into the game with a long set. The visitors crept ahead again with a good free try, but Howard connected with a lay-up and the Engineers were on the scoring trail.

The Coast Guard five crossed up all predictions by throwing a fast-sliding, shallow zone defense against Tech. The outside men were left all alone to set as they wished, but bucket-man Brown was covered with a blanket of Blue arms and legs. When the visitors offered absolutely no resistance to outside shooting, not only Chapman and Mehalick opened up, but Freeland and Howard backed-off and swished them in. Tech led 12-7 at the ten minute mark, and they pushed that to 17-10, then 21-12 with more outside shooting.

With four minutes left in the first half, Bill Collings and Hoch replaced Freeland and Chapman. Hoch, a sharp-eyed guard, connected on a long one-hand set the first time that he handled the ball. The Midshipmen finally gave up their ineffective defense and played the locals man-to-man throughout the rest of the tilt. At the half, Tech led by seven, 23-16.

Play throughout the first half was slow and dull, with the only thrills coming from the long sets being offered by the local guards. After the half, however, the calibre of ball being played improved and the game developed into a thriller.

The Techmen maintained their edge, despite the full-court press being offered by the visitors. Brown found the range from the pivot, and

then in-shooting suddenly became the theme. Tech led by five after five minutes of play in the second half, when C.G. moved in a fresh platoon, who proved to be no more of a puzzle to the Texperts.

Mehalick and Brown were tremendous off both boards all night, despite the height advantage sported by their opponents. At the ten minute mark, the lead was still nine points, 38-29, but here the visitors caught hold as the locals tired, and with four minutes left the score read 45-39. Tech ball-handling became sloppy, and three quick push shots plus a successful three throw tied the game at 46 all. Then the Mackmen bounced back and once again took over.

Holmgren for the Sailors was high man of the evening with 18 markers. Brown, with 17, paced the Engineer squad, followed by Freeland with 15, and Howard with 11. The locals were exceptionally hot at the charity stripe, converting a cool 13 out of 17 tries.

TECH-53		46-COAST GUARD	
fg	fp	fg	fp
Howard f	4 3 11	Phillips f	0 3 3
Freeland f	6 3 15	Benson	0 0 0
Collings	0 0 0	O'Connell f	1 1 3
Brown c	6 5 17	Holmgren	8 2 18
Mehalick g	1 0 2	Boggs c	0 0 0
Chapman g	2 0 4	Irish	4 1 9
Hoch	1 2 4	Nagle g	0 0 0
		Vaughn	2 1 5
		Sheldon g	1 0 2
		Keyzer	2 0 4
		Irwin	1 0 2
Totals	20 13 53	Totals	19 8 46

TECH J.V.-43		32-COMMERCE	
fg	fp	fg	fp
Joest f	2 0 4	Laconfora f	2 3 7
Hall	4 5 13	Cox	1 0 2
Willard	2 0 4	Johns f	0 2 2
St. Louis f	0 0 0	Kasperian	2 0 4
Leach c	1 1 3	Grogan c	2 5 9
Horne	0 0 0	Semon	0 0 0
Shebeck g	6 4 16	Price g	0 0 0
Kasper g	0 0 0	A. Philip	0 0 0
Juinnies	1 1 3	M. Philip g	3 0 6
		Amato	1 0 2
Totals	16 11 43	Totals	11 10 32

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Boston University Out Stroked 44-30 By Tech Swimmers

Trinity Mermen Leave With 55-19 Victory Over WPI Tankmen

After taking a one-sided 55-19 beating at the hands of the infamous men from Trinity, the Tech swimming team rebounded to defeat Boston University 44-30.

In winning Tech men took five first, and five second places. Rowe came through with the starring performance of the afternoon. Besides swimming in the winning 400 yard relay, he stroked his way to firsts in the 60 yard and 100 yard free styles. Pete Quamo, who has been continually improving, won the 150 yard back stroke, and teamed with Lancey and Adams, won the 300 yard medley.

The performance of Calley, who took first for B.U. in diving, deserves mention. In winning, he put on the best diving exhibition witnessed this year.

Trinity 55—WPI 19

300 yard Medley Relay—Won by Trinity. Time: 3:18.2.

220 yard Free Style—Won by Vaile (T). Time: 2:27.6.

60 yard Free Style—won by Mason (T). Time: 0:31.0.

Diving—Won by forfeit by Trinity (broken board).

100 yard Free Style—Won by Johnson (W). Time: 59.2.

150 yard Back Stroke—Won by Spool (T). Time: 1:51.6.

200 yard Breast Stroke—Won by Kirshner (T). Time: 2:33.2.

440 yard Free Style—Won by Lawrence (T). Time: 5:35.0.

400 yard Relay—Won by WPI. Time: 4:01.6.

WPI 44—B.U. 30

300 yard Medley Relay—Won by Tech. Time: 3:32.4.

220 yard Free Style—Won by Sheehy (BU). Time: 2:36.0.

60 yard Free Style—Won by Rowe (W). Time: 31.0.

100 yard Free Style—Won by Rowe (W). Time: 58.4.

Diving—Won by Callery. 104.2 points.

150 yard Back Stroke—Won by Quamo (W). Time: 1:57.0.

200 yard Breast Stroke—Won by Westell (BU). Time 2:56.0.

440 yard Free Style—Won by Sheehy (BU). Time 5:39.0.

400 yard Relay—Won by Tech. Time: 4:00.4.

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EMPLOYMENT FIELD OUTLOOK OPTIMISTIC

Bureau of Labor Expects Balance of Supply and Demand by 1951

Today the engineering profession numbers about 350,000. The profession is continually on the upgrade and it is expected that within the next decade the number will swell to 450,000. The undergraduate who wishes one day to become a part of this profession may wonder just how good his chances are of securing a position with the advent of graduation. To obtain a clear picture of the present situation, let us look at some statistics put forth by the U. S. Bureau of Labor.

Graduates Declining

In 1946 the number of men graduating with an engineering degree was approximately 38,000. In the 1947-48 period the number declined to 32,000. This increase in mortality is due to the economic pressure of veterans and the realization that the profession is not suited for all individuals, even though they were primarily attracted to it during the war period. However, this mortality is not as great as it could be owing to the fact that an increasing percentage of youths are going to college today, and also that engineering curricula are being established in additional colleges.

New Replaces Old

To show how new jobs are created each year, the Bureau of Labor has compiled the following figures. Losses due to deaths and retirement for the 1950-60 period will probably be 80,000, while for this same decade the loss expected because of transfer to another profession will be 40,000. The graduates needed per annum to make up for these losses will be approximately 12,000. In addition to this the expansion of the industry itself will boost the positions available for the neophyte engineer to 17,000 per year and this figure may rise to 21-22,000 by 1960.

Engineers Are Adaptable

It seems probable, in view of the present large classes, that during the next two years an excess of graduates over available positions will exist. However this condition should be a temporary one as an approximate balance of supply and demand is expected by 1951. The situation is rapidly approaching the pre-war level. Even if a temporary excess is present, the Bureau of Labor feels there is no need for alarm as an Engineering education has long been recognized as a firm foundation for many positions outside the realm of strict engineering. It is their belief that graduates can expect to find employment, if not in engineering itself, in some field where their scientific background will not be wasted. Also where one branch of engineering may avail more ready positions, all types of engineers can become an integral part of that profession. For example, it is shown at the present time that of those educated in Chemical Engineering, 22 per cent are in other fields, mainly mining and metallurgy. Of all those having an Electrical degree, 18 per cent are situated in other fields; here

AIEE AND AICHE HOLD MEETINGS

The A.I.Ch.E. held its regular meeting on Friday evening February 17, 1950 in Kinnicut Hall. Mr. J. R. Eames of E. P. Badger & Sons, Inc., Boston, Massachusetts was the guest speaker for the evening and presented an informative talk on "Chemical Engineering Design."

Mr. Eames outlined the qualifications, types, and steps in producing a good design. He stated that there are very few concerns that have their own design and construction departments; most of them depend upon design and construction companies to do the work.

On Tuesday evening, February 14, in Sanford Riley commons, the A.I.E.E. and the I.R.E. held their meeting. The speakers for the evening were Mr. George Fairhurst '43, Mr. William Moulton '47, and Prof. Donald Howe '38, all W.P.I. graduates. They spoke on their experiences in industry since leaving the institute. They brought out an interesting point in explaining what the employers expect of a college graduate as he goes on to his first job. These men represented both large and small concerns, so the range of experience was wide enough to give the members who attended a good background. After the speaking program, an interesting period was held in which numerous topics were brought up and the pros and cons discussed.

Newmanites Breakfast

On Sunday morning February 12, 1950 the Newman Club of W.P.I. held its annual Communion Breakfast in the Dining Room of Sanford Riley Hall.

With about sixty club members present, Father Brabson, the club's chaplain, gave a short address to the men. Father Brabson, who has done much in helping to make the club a success and of some real value to its members, was presented a gift in appreciation of his work.

The regular monthly meeting of the Newman Club was held on Tuesday evening in the Janet Earle Room. The meeting was opened by President Francis Fay at 7:15 and was immediately turned over to the guest speaker of the evening Father Deely of Holy Cross whose subject was "Science and Religion."

Father Deely, an instructor of physiology and histology at Holy Cross, presented an interesting talk dealing with science and its great men in the past. Upon conclusion of Father Deely's talk a colored movie was shown depicting the ancient city

of Rome with its many churches and cathedrals.

AERONAUTICAL—From Page 1

field of aeronautical research. Some examples of areas of basic aeronautical research investigated are: aerodynamics factors underlying flying characteristics and performance at the frontiers of flight, including supersonic flight, thermodynamics and combustion phenomena, control systems, fuels, and instrumentation. Research work in the NACA is, in effect, a continuation of university post-graduate training and research.

Act Now

Anyone interested in taking the examination must file a card Form 5000-AB which may be obtained from any post office as well as more detailed information concerning the examination. The card Form 5000-AB must be addressed to the Board of U.S. Civil Service Examiners, NACA, Langley Field, Virginia. It must not be received at the Board later than Feb. 28, 1950.

CHORALIERS—From Page 1

those pinned, those engaged, those pinned and engaged, misogynists with good singing voices, and Physics majors.

This tremendous juggling act only belies the fact that Cliff was once an English teacher on the Hill. However, from there he graduated to the Eco department, where he spent two years teaching book-balancing all week, and losing face at home the first of every month.

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DATE: February 27 - March 3

TIME: 9 A.M. - 5 P.M.

PLACE: Reception Room, Sanford Riley Hall

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