

See Editorial concerning Education of 1942 Freshmen pg. 2, cols. 1 and 2.

Z 320

TECH NEWS



Seniors: "Peddler" deposits must be paid by Dec. 15, 1937.

VOL. XXIX

WORCESTER, MASS., TUESDAY, DECEMBER 14, 1937

No. 9

Dr. James Hepbrun To Speak On "Hail Felon Well Met" at Third Fuller Lecture Tuesday

Noted Lecturer To Compare Crime in U. S. With Crime In Foreign Countries

VITAL DISCUSSION

Speech To Be Based on Experience With Police Administration and Crime Prevention

Dr. James M. Hepbrun, noted lecturer, traveler, writer and criminologist will speak on the subject of "Hail Felon Well Met" on the occasion of the third Fuller Lecture at 11:00 a.m., Tuesday, December 14.

There is no one better qualified to lecture on the various phases of crime than Dr. Hepbrun. He has not only lectured and studied crime in this country but in seventeen foreign countries as well. His speeches are based on first hand knowledge obtained from his experiences with police administration, crime detection, crime prevention, probation, parole, penal treatment, and prisons.

In the capacity of an acknowledged authority on American crime problems, he has held many positions. At present, Dr. Hepbrun is acting director of the Washington Criminal Justice Association and managing director of the Baltimore Criminal Justice Commission.

As chairman of the Charities Endorsement Committee of the Baltimore Council of Social Agencies, he has had much success in bringing about several badly needed reforms in the field of charity racketeering.

The eminent criminologist was also a member of the Fosdick Commission on Training Camps, 1917-1919; member of the U. S. Interdepartmental Board, 1919-1922; secretary of the U. S. Federation of Justice; chairman of the finance committee of the American Prison Congress in 1931; and a director of Girls Latin School in Baltimore.

Dr. Hepbrun is a graduate of Baltimore City College. He received his LL.B. from the University of Maryland and his L.D. from Washington College. He was formerly an instructor in criminology at Johns Hopkins University and now lectures to the Maryland and Baltimore Police Schools.

During the World War he served with the Intelligence Service of War and Navy departments. Some years later as United States representative to the International White Slavery Conference he investigated and compiled statistics on conditions in several European cities.

As an author, Dr. Hepbrun has written many articles and monographs on crime and is also a regular contributor to the editorial page of the Baltimore "Evening Sun."

It is a rare privilege for Tech students to be able to hear this brilliant speaker talk on one of the most vital problems confronting the civic-minded people of today. This nation's annual crime bill of over thirteen billions of dollars demands that something be done about it. In his speech, Dr. Hepbrun will compare crime in the United States with crime in other countries

First Meeting Of Aero Club To Be Friday

Apparatus and Equipment Of Laboratory To Be Demonstrated

The demonstration of a one-fifth horsepower Brown Jr. model airplane gasoline motor will be the feature of the Aero Club's first meeting of the year on Friday of this week, December 17, at 4:00 p.m. in the aeronautic's laboratory.

Accompanying the engine demonstration will be lantern slides on historical planes and other aeronautical subjects. The apparatus and other equipment of the laboratory is also to be put into use to illustrate certain principles of aeronautics.

The activities of the club, according to the adviser, F. Stanley Finlayson, are to be considerably increased this year. Discussions on current aeronautical events as well as technical subjects will be held. Work began on the flight model last year will be continued and it is expected that it will be flying before the end of the term.

Model airplane construction is one of the major activities of the club. To aid the members in this work, discussions on the theory of building models will be held from time to time. Through the use of the flight model for training flyers which is available for use throughout the year, the boys also have an opportunity to learn something about flying.

(Continued on page 4, col. 3)

Dancing After Win is Popular

Tech Band Adds to Spirit of Spectators at Opener

Two and one half hours of basketball were topped off Saturday evening by a well patronized dance on the gym floor. Following the preliminary Junior Varsity game, the band rendered several stirring marches while the two Varsity squads warmed up at opposite ends of the gym. These enlivening interludes continued at the "time out" periods and between the halves, adding much to the enjoyment of the evening.

After the game, the "Boyntonians" quickly set up their equipment, wax was scattered upon the floor, and an hour and three quarters of dancing topped off the already pleasantly filled evening. Many prominent members of the faculty, as well as students and visitors, were seen enjoying themselves to the fullest extent.

of the world and will explain why there is more crime in just one county of one of our forty-eight states than in most any other foreign country.

New W.C.U.A. Holds Second Meeting In S.R. Hall Dec. 1

Prof. Taylor Praises Organization; Elections To Be At Next Meeting

The newly formed Worcester County Undergraduate Association held its second regularly scheduled monthly meeting in Sanford Riley Hall on the evening of December 1, 1937. The program for the evening consisted of a short business discussion and a brief but interesting talk by Professor Herbert Taylor, secretary-treasurer of the Alumni Association.



Professor Taylor termed the Worcester County Undergraduate Association as an "ideal kind of organization" because it is only too true that city and county men are more or less handicapped in their activities and associations at Tech. In stressing the value of such an organization, especially for making acquaintances and generally satisfying our natural, gregarious instinct, he cited pertinent incidents from his own vast and varied experiences. He made some valuable suggestions for managing the organization, draw (Continued on page 3, col. 3)

Techmen Take Season Opener By Defeating Assumption 51 To 27 in Thrilling Contest

Billy Murphy To Swing at Interfraternity Ball

Hotel Bancroft To Be Scene Of Annual Affair Tuesday, December 21

A capable committee headed by C. John Lindgren, Jr., has engaged Billy Murphy and his Royal Arcadians to set the tempo at the annual terpsichorean festivities of the Greek letter men. The social affair of the year is to be staged at the ever-popular Hotel Bancroft on Tuesday, December 21, from nine until two.

Billy Murphy, now playing at the Arcadia Ballroom in New York City, is noted for his swiny arrangements, and if the spirit of these dances in the past is any indication, the "Big Apple" should be in full sway before the evening is over.

A complete list of Patrons and Patronesses is as follows: President and Mrs. Ralph Earle, Professor and Mrs. Francis W. Roys, Professor and Mrs. Harold J. Gay, Professor and Mrs. Paul R. Swan, Professor and Mrs. J. Edward Fitzgerald, Professor and Mrs. Arthur M. Tarbox, and Professor Edwin Higginbotham and Miss Grace Home.

The fraternity representatives comprising the committee are: T.U.O., C. J. Lindgren, Jr., chairman; T.X., Carl Keyser; P.S.K., Charles C. Bonin; P.G.D., Richard Elliott; T.K.P., Arthur Malboeuf; L.C.A., Paul R. Johnson; A.T.O., John Delany; and S.A.E., William Ahearn.

Tau Beta Pi Guests of Four Faculty Members

Honorary Society Members Spend Night Discussing Tech Affairs

Members of Tau Beta Pi honorary fraternity were the guests of four faculty members last Friday night. Doctor Beth, Doctor Young, Professor Fillion and Mr. Scheffy were hosts to the group at 25 Einhorn Road. Professor C. D. Knight also attended.

An unusual "ice-breaker" was presented in the form of a standard musical-aptitude test which attempted to determine the musical ability of those present. This was followed by games, record-playing and impromptu discussions, culminating in a more organized discussion of Tau Beta Pi's future school policies. This last took place around a table loaded with food, cider and beer.

Those present from the student body were Jack Mudgett, Roger Young, Fred Burg, Charles Bonin, Richard Elliott, George McKenna, Bryon Wilson, Allen Deschere, Albert Kullas, Walter Abel, Al Raslavsky, and John Hollick.

Hillmen Lead Throughout Game; Show Fast Action And Clever Teamwork

DICK MUNSON STARS

Sharpshooting of Aubuchon and Cyr Prevent Assumption From Being Swamped

The 1937-38 Worcester Tech's basketball team opened its season with a bang by defeating Assumption College, 51-27 Saturday night, in a fast and well-played game. Tech held the upper hand throughout the contest, never once being led by Assumption. A capacity crowd was brought to its feet more than once by the fast action of the Tech team and their brilliant teamwork. All indications point to the most successful season that Tech has had in many years.

Captain Dave McEwan, Dick Munson and Ray Forkey starred throughout the contest. McEwan and Forkey were the high scorers of the evening with 12 points and 11 points respectively, but Munson's brilliant passing set up most of the scores. Munson supplied the spark throughout the game as he has the last two years. Forkey and Rushton garnered every rebound with ease, their height making them decidedly superior to Assumption in that department. Except for the sharpshooting of Aubuchon and Cyr, Assumption would have suffered a rout. Fouls were frequent in the first half as the officials really put their foot down on fouls. Forkey seemed to be on the receiving end of most of the fouls.

Shortly after the opening whistle, Raslavsky sank a foul shot for the opening score of the game. After a minute of fast action, Dave McEwan caged the first field goal. For the rest of the half, Munson, Raslavsky, and Rushton scored repeatedly. The score at the end of the half was 24-14 in favor of Tech. The Assumption team could not seem to stop the Tech offense, probably due to the height of the Tech team. Aubuchon was the only man on Assumption who could make headway against Tech's defense. His dribbling was phenomenal, breaking through the Tech line, time after time, but luckily missing most of his shots. Despite the lopsidedness of the triumph, the passing and shooting of Tech was rather ragged, but as this was the first game of the season, it was more or less expected.

In the second half, Tech shortened and quickened its passes, improving greatly over the first half. Assumption tired quickly in the last half, allowing Tech to cage 11 field goals. The elimination of the center tap after field goals has markedly quickened the pace of the game. Towards the end of the final half, Coach Bigler put in the rest of the squad, and they showed (Continued on page 3, col. 4)

BASKETBALL - COLBY - SATURDAY

TECH NEWS

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— editorials —

plans for the future

During the next few months several plans will be brought forward by SKULL to be presented to the student body concerning Freshman-Sophomore rivalry. These plans are to be discussed and some final draft of Freshman rules to be presented to the Tech Council. The general idea of all of these plans will be to eliminate the old idea of even-odd classes joining together and substituting the plan of Upper-classmen vs. Freshmen. In other words the three upper classes shall unite to teach the incoming Freshmen the rules and traditions which have held sway at Worcester Tech until the past two years. The reason for this plan is to make possible the continuance of these traditions which have so suffered recently.

The student body is requested to voice its opinion either orally or written to any member of the NEWS staff or to any member of SKULL on this important matter so that the preliminary plans will not have to be altered in too great a degree.

a word to the wise

Saturday night witnessed one of the poorest early season exhibitions of sportsmanship ever seen in the Tech gym. A decision of the referee was soundly hissed and booed and derisive remarks shouted at the opponents and at the referee. There was absolutely no excuse for this outburst at this time; there are times in a team's season when such a thing might be excused because of high excitement but this was not so last Saturday. The team was defending no early season record, the opponents were not playing a so-called "dirty" game, the score was not close and the decision not an important one.

Whether Tech men or others were responsible for this exhibition is not the question; we must have no more of it if Tech is to continue to keep its name so well deserved of being good sports.

opportunity

To our not so distant ancestors, America was the Cinderella Land. In America all men were equal whether they rode in gold plated carriages or walked in worn out shoes. Many poor boys came to America and became wealthy. The rags-to-riches story was repeated in generation after generation, and everyone expected to become rich. Anything that showed promise of becoming an instrument in attaining wealth was accepted, gullibly and with boundless optimism.

A college education was, and still is, one of these instruments. Almost every man, regardless of his success is firmly convinced that he could have climbed higher had he the advantages of a college education. His idea in working himself to death in order to send his son to college is that he wants his son to have an easier time of life, and he believes that a college degree is the open sesame to that end.

Perhaps this is true; perhaps it isn't. Certainly you can't sell a man a gold brick if he can analyze metals. College men are smarter than others, but only because smart and ambitious men graduate from colleges. Such an education doesn't give a boy brains. Professors aren't miracle men. It does however show him how to advantageously use what intelligence he has, and it gives him an opportunity, through college placement services, for a better start in life.

Now this is something to think about lest we become obsessed with the idea that we are in school for the sole purpose of obtaining a degree rather than for the purpose of training ourselves in a certain field. We are living in a specialized world and our only chance for success is an ability to know both how and why some one thing is done. In short, we must be able to act and think for ourselves. Our technical education gives us this opportunity, and if we take advantage of it we are assured of some degree of success. If we don't, we are out of luck, for we will have been to college but we won't be educated men. You can't change a diploma for a plate of beans.

To The Editor

To the Editor of the NEWS:

Winter sports here at Tech have never been organized, as I understand it, due chiefly to the lack of proper weather conditions, lack of time for participation because of the pressure of studies, and also because of scarcity of funds for supporting such a venture. But, upon inquiry, I found that the aim of such ideas in the past was to organize a competitive hockey team, maintaining an outdoor rink, which is an exceedingly difficult task even if conditions are favorable.

In recent years, since 1930, the growth of skiing has put hockey far in the background as far as interest for the ordinary individual is concerned. Colleges and high schools, large and small, have organized ski clubs of enthusiastic beginners as well as varsity material. At Tech, since no good terrain is immediately available, the spirit has been slow in gaining strength. Those unacquainted with the sport have had no desire to learn, while those who know a few of the quirks have been unable to fully demonstrate in the presence of other students in order to arouse their interest.

Now, however, I feel that the number of those who ski, or at least possess some equipment, has increased to a point where organization would be very effective. With the developments on Mt. Wachusett within easy driving distance for week-end trips, plenty of excitement can be assured for everyone, whether he be an expert or an amateur. The sport in itself, in contrast to hockey, can easily be enjoyed by all. It involves much less expense and toil, and even the weather man is usually more favorable toward snow than ice. None of the expense of an Outing Club need be borne by the school, at present at least, for everyone furnishes his own equipment. Therefore, I firmly believe that such an

organization has a very good chance to prosper.

After talking with several winter sports enthusiasts, of whom I know of at least fifteen, and also with Doc Carpenter, I could see no reason why someone should not "start the ball rolling." Consequently all who are really interested in forming an Outing Club, or in discussing the situation, are invited to meet in Sanford Riley Hall on Friday evening at 6:45. Any interested members of the faculty are included in this invitation. If this date should make it impossible for some enthusiasts to attend, I suggest that they inform someone attending of their interest.

Yours for better winter sports,
 R. E. Dunklee, '40.

Department Notes

Electrical Engineering Department

All those interested in a practical subject are invited to attend the meeting of Worcester Tech's student branch A. I. E. E. in the library of the E. E. building Wednesday evening, December 15, at 7:15 o'clock. Mr. H. H. Bigelow, Supervisor of Wires for the city of Worcester, will tell of his experiences as an inspector of Wires.

Another meeting which students may attend is that of the Worcester section A. I. E. E. which will feature welding and its effect on machine design. Slides will illustrate, as well as various welding applications, the fabrication and steel structure used in the erection of the world's largest telescope.

Recent inspection trips have been made to Worcester's modern fire alarm station at Elm Park and to the Municipal Auditorium at which latter place the electrical features of light, public address, and heating and ventilation systems were thoroughly gone over.

Physics Department

Prof. S. J. Plimpton discussed modern sound intensity measurement methods at the Physics colloquium, Tuesday,

December 7. In past years, industry has taken increasing interest in noise measurements, and methods developed in physical laboratories are being more and more widely applied.

Chemistry Department

Freshmen are particularly invited to attend the Skeptical Chymists meeting at the Salisbury Laboratories on Tuesday, December 14, at 7:45 o'clock. The features of the program are talks by H. P. Peterson and Philip Kulin, motion pictures, and refreshments.

Mechanical Engineering

Two classes have made gifts to the Mechanical Engineering Department re (Continued on Page 3, Col. 2)

LONELY HEARTS FAIL

The Princeton Lonely Hearts club started in October when two sophomores wrote an open letter to the Vassar Miscellany News saying, "Hundreds of men are lonely in Princeton. Are you lonely, too? Find your post-box lover by writing the Lonely Hearts club. Everything confidential," was formally abandoned Sunday, in spite of a deluge of mail.

The downfall of the club came after some sarcastic editorials by Vassar, one of which described the club as "a vicious attempt of a thwarted Yale man to discredit the name of Princeton before the world," adding that from past experience Vassar knew that "Yale men suffer from loneliness, but a Princeton man is above such weak and paltry emotions." Princeton's haughty reply stated the correction that Yale boys are too absorbed in their Shirley Temple club to be connected with anything as mature as Vassar.—(From Wellesley College News.)

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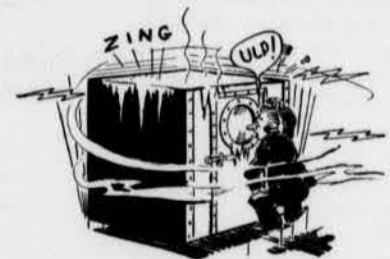
IN AN EFFORT to determine more accurately the performance of an electric locomotive and to calculate the most efficient motor for the train, T. F. Perkinson, R. P. I., '24, a former Test man now in the Erie Works of General Electric Company, invented a machine which performs these operations mechanically.

Computation by the step-by-step method of these calculations necessitates many hours of tedious slide-rule work; and repeated adding and subtracting of time, speed, and distance increments; and reading of charts. The Transportation Calculator eliminates this work and solves the mathematics at least five times as quickly, depending upon the skill of the operator.

The Transportation Department of the General Electric Company offers many opportunities to mechanical and electrical engineers in the design, construction, and production of electric locomotives, trolley cars, and trolley buses. The solutions of many interesting problems are found in this department, the Transportation Calculator being but one of them.

BOXING THE ELEMENTS

WIND, RAIN, SLEET, SNOW, arctic and tropical temperatures, six-mile altitudes, and power dives—all are found within the confines of two steel rooms in the radio transmitter test department in the Schenectady Works of the General Electric Company.



To assure perfect performance of aircraft transmitters, the equipment is placed in these two rooms where extremely severe weather conditions are simulated. Portholes of one-inch glass in the rooms permit the test men to observe the effects on the instruments without being subjected to the same strains placed upon the transmitters.

These complicated tests are made by college-trained men now on Test. The field of radio transmission from airplanes is, of course, new and progressive. The "flight rooms" provide radio engineers with a new and easier conception of designs for radio equipment.

GENERAL ELECTRIC



90-16FB1

Natators Set For M.I.T. Meet Scheduled For Saturday; Positions Clinched For Coming Season

**Platukis, Karna, Love, Evans
Promise To Be Mainstays
Of Swimming Team**

NINE MEETS BOOKED

**Freshman Squad Includes Several
Potential Stars; Ingham,
Riddick Outstanding**

Coach Frank Grant continued his time trials during this last week of intensive training for his charges in order to be in the best possible shape for the M. I. T. swimming meet which comes this Saturday at Boston.

Practically all the swimmers have been picked for the events which they are to swim, the only exception being that of the second swimmer of the 200-yard breast stroke which Murphy and Goodchild are still trying for. Goodchild has the best time so far by but only two seconds. Murphy will in all probability come down to his last year's time and edge Goodchild out by a few seconds.

Jos Platukis and Jack Karna have continued their time cracking way toward 1:50 flat for the 150-yard back stroke. Tommy Love continues to be the best bet in the new sixty-yard dash event as well as the hundred. Bud Crandall is still in the running for the 220 as well as Steve Hazleton. Phil Bartlett and Fritz Johanson will be fighting for a position as 100-yard dash man. David Kuniholm will be the other 220-yard man probably because of his diligent training. His greatest rival, Lennie Kuniholm—his brother—have both been swimming time trials on the 220 since last May in order to really be in condition. The lead has been nip and tuck but Davie took the lead and will swim on the varsity. Al Maggiola remains the only diver on the team.

Bob Evans, captain of the team, reports that even though this year's team looks good that next year's will be even better. Three or four men from the Frosh squad are coming mighty close

to varsity times in the 40-yard dash and 100. Willard Riddick, a transfer from M. I. T., being ineligible for the varsity his first year, has been training with the Frosh. His time for a hundred is way down near 57 and for the 220 he does 2:30. This means that a couple of school records are going by the post the minute he becomes eligible. His classification still remains in doubt. The sophs hope he's a soph and the Frosh hope the opposite. He is classified in the catalog as a soph.

Walter Kennedy is another promising Frosh. He is under 20 for the forty-yard dash and also excels in diving. Johnny Ingham, a transfer from Annapolis, is running close to him in the forty and is doing 59 for the hundred.

Following the M. I. T. meet, the varsity will travel to Amherst on January 8, only a few days after coming back to school.

Departmental Notes

(Continued from Page 2, Col. 5, cently. The class of 1897 has made possible the installation of a new steam flow meter for the steam line between the boiler and turbine in the power house. They have also presented the funds for a boiler vacuum cleaning system. The class of 1875 has made a gift of funds necessary for a thermometer comparison bath in which thermometers may accurately be checked against a standard.

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Relay Contest Goes On With S.A.E. Leading

**House Continues Unbeaten as
Series Reaches Half-
way Mark**

As the second week of intramural relay competition draws to a close, Sigma Alpha Epsilon looms as a strong contender for the relay cup. By virtue of their victory over Phi Gam in the near-record time of 2:21 4/5, S. A. E. proved itself a real threat to the other Fraternities. Their time is the best that has been turned in for the past seven years and is only 4/5 of a second slower than the track record.

Last Monday, Dec. 6, Phi Gam romped to an easy win over S. O. P. to start the races of the day off. The next heat found L. X. A. and Phi Sig finishing in a tie which will have to be played off later. T. X. added another win to their score in beating T. K. P. The contest between A. T. O. and T. U. O. was postponed to a later date.

On Tuesday, Phi Gam and Phi Sig staged their postponed match in which Phi Gam was an easy victor over the second team of Phi Sig which they deemed it wise to run.

Theta Kap fell victim to Phi Gam's powerful team for the commencement of the competition on Wednesday afternoon. P. S. K. won over T. U. O. although one of the latter's runners had the misfortune to fall down. S. A. E. was extended in order to conquer the fact quartet from Theta Chi. In the final run of the afternoon, Lambda Chi took S. O. P.

The Friday races were started off by Lambda Chi beating T. K. P. The second race of the afternoon was taken by P. S. K. over A. T. O. The finale was the race between S. A. E. and Phi Gam, the outcome of which interested everybody. The combination of Wadsworth, Carangelo, Stevenson, and Fraser was too fast for the latter team and won in the fast time of 2:21 4/5.

Summary:

Fraternity	Won	Lost	Tied
S.A.E.	3	0	
P.G.D.	4	1	
T.X.	3	1	
L.X.A.	2	0	1
P.S.K.	2	2	1
T.U.O.	1	1	
A.T.O.	0	3	
T.K.P.	0	3	
S.O.P.	0	4	

Techmen Take Season Opener

(Continued from page 1, col. 5)

up practically as good as the first team, especially Ray Schlorer and Johnny Wells showing how height can be used to the best advantage.

Pete Bigler started the same team that started last year in all of the games, a thing that is seldom seen in collegiate circles.

In the preliminary contest Assumption High defeated the Tech Jayvees by a last minute rally that netted four baskets. The Engineers took an early lead and kept it until the final minutes of play. Although defeated, the Jayvees looked better than they have in years. With several experienced players on the team, along with some promising Freshman material, this team should have one of its best Jayvee seasons in recent years.

TECH

	fg	fp	tp
McEwan c lf	5	2	12
Elliot lf	0	0	0
Gustafson lf	0	1	1
Munson rf	3	0	6
Schlora rf	1	0	2
Thulin rf	0	0	0
Bellos rf	0	0	0
Raslavsky c	3	1	7
Wells c	2	0	4
Rushton lg	3	0	6
Jenkins lg	0	0	0
Forkey rg	4	2	11
Formsbee rg	1	0	2
Totals	22	7	51

ASSUMPTION

	fg	fp	tp
Aubuchon lf	2	0	4
LaRoche lf	0	0	0
N. Cyr rf	1	0	2
Frechette rf	1	0	2
Angers c	4	2	10
W. Cyr c	4	2	10
W. Boyer c	0	0	0
W. Am'b'n rg	1	0	2
Pelletier rg	2	0	4
Totals	12	3	27

ASSUMPTION J. V.			
	fg	fp	tp
M. Cyr lf	2	3	7
Trudeau lf	0	0	0
Daigle lf	2	2	5
R. Comtois rf	1	1	3
Gaucher rf	0	0	0
Bedard c	0	0	0
Beland c	0	0	0
J. Yelle lg	0	0	0
L. Millette rg	3	0	6
Totals	8	6	22

TECH J. V.

	fg	fp	tp
Newton lf	2	0	4
Lambert lf	1	0	2
Constant rf	2	0	4
Bouin rf	0	0	0
Cameron c	2	0	4
Carrol c	1	0	2
Thulin lg	1	0	2
Esper lg	0	0	0
Knauff rg	0	0	0
Wackth rg	0	0	0
Totals	9	0	18

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New W.C.U.A. Holds Second Meeting

(Continued from page 1, col. 3)

ing from his experience in helping to found the Skull for his examples.

It was decided, at this meeting, to hold elections of officers on January 5. By that time it is hoped that all county men will have enrolled as members. A Membership Committee consisting of Gunner Pearson, Andrew Schultz, Albert Lavanavicz, Tom Gruzdis, Bob Murphy, Gerald Hastings, and Edgar Douville, was established to solicit members. The Worcester County Undergraduate Association urges all Worcester County men who are interested in this organization to get in touch with any of the men listed above right away.

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DURING HIS FIRST TEN MONTHS AS ATHLETIC DIRECTOR AT WISCONSIN, COACH HARRY STUHLREHER TRAVELED 25,000 MILES AND MADE 175 PUBLIC ADDRESSES!

HE'S NOT A "HORSEMAN" ANYMORE!

HIS RECORD IS SIX SPEECHES IN ONE DAY!

23 SIGNERS OF THE DECLARATION OF INDEPENDENCE WERE COLLEGE MEN

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The NINE LEAVELL BROTHERS

MOST FAMOUS FAMILY IN GREEK-LETTER HISTORY!

ALL WERE MEMBERS OF SIGMA CHI AT THE UNIVERSITY OF MISSISSIPPI FROM 1899 TO 1912

SOME OF THE LARGER UNIVERSITIES SPEND AS MUCH AS \$500 PER WEEKEND TO "SCOUT" FUTURE FOOTBALL OPPONENTS!

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A.S.M.E. Holds Meeting Locally And Convention in New York

Leslie J. Hooper of W.P.I. Instructing Staff Receives Junior Award at National Gathering

John Chambers Speaks To Worcester Group About "Acoustics"

From Monday through Thursday of the past week, the American Society of Mechanical Engineers has held its annual national convention, this year in New York City. Those present at this convention from this college were Professors Kolb, Allen, and MacCullough and Mr. Hooper.

Among the awards presented at this meeting was the A. S. M. E. Junior Award. Mr. Leslie J. Hooper of this Institute, an instructor in Hydraulics, received the prize for his paper on the subject "American Hydraulics Laboratory Practice." Mr. Hooper was recipient of the Society's Freeman Scholarship Award in the 1934-35 year.

At school here on last Monday the local A. S. M. E. and the student branch heard a lecture on "Acoustics" by Mr. John Chambers. Mr. Chambers, a West Point graduate and now with the Johns-Manville Corporation, spoke before a large gathering composed of local Society members, faculty members, including President Earle, and students in the Sanford Riley Hall lounge room.

The speaker traced the history of sound development from the first experiments of Professor Savant of Harvard at the beginning of the twentieth century through to its present state. He showed how fireproof steel and concrete construction has led to more reverberation, how almost every invention has added in some way or other to the volume of sound which one encounters in every-day life, and how the public has become more and more "sound-conscious," especially in the face of psychological and physiological effects which have been discovered as a result of noise.

To aid the lecture Mr. Chambers showed a sound motion picture which discussed the nature of sound and sound absorption in simple terms and gave glimpses of Johns-Manville's sound experimentation laboratory. He also demonstrated the sound measuring device, mistakenly called the "applause meter" in radio programs, which measured the volume of sound in decibels. The audi-

ence reached a sound volume of 106 by all shouting together. He also demonstrated the remarkable sound-deadening results of lining a straight tube with absorbing material such as felt. The period was concluded with a number of questions from the audience.

Also shown by the Johns-Manville Corporation was an interesting film on the subject of "Heat," presented last Monday morning for all Junior and Senior Mechanical Engineering students. This film clearly depicted the present theories about the nature of heat and showed the Insulation Research department of J-M including the type of work that is done there.

Tech News Has New Offices

Radiator Which Heats is New And Welcome Feature

During the past two months, the TECH NEWS Editorial offices have been undergoing a complete renovation by the same construction gang which has been rebuilding the cellar of Boynton Hall.

For the first time in twenty years, the NEWS Office has been given a coat of paint to keep her warm. The NEWS Staff have heaved several sighs of relief and started discarding their ear muffs.

Reconstruction started during the summer with a nick at a time being taken out of the offices till Charlie Bonin requested that one nick be left for the offices. In this nick was requested one radiator and a table with two chairs. His request went unheeded with the exception of the radiator which is now keeping the boys awake with its pounding as well as serving to unthaw frozen fingers. But the NEWS Staff is carrying on and keeping their readers informed about things and stuff.

The construction gang has also been at work on the rest of the cellar having entirely rebuilt the dark room for the camera club. In addition to this, several other rooms are being built, the purposes of which seem to remain a mystery even to the men building them.

Technicalities

After a long period of silence, another column revives. But before getting down to business, a little explanation seems in order. When this column was founded last year it was done as an attempt to present unusual, or "tricky," brain-teasers that would be fun and a relaxation from the ordinary type of problem. However, the number of such problems that one man encounters is really quite small so that the unusual quality of the problems is bound to be lost when the writer has to refer to standard books on such things.

Because of this, an appeal is hereby made to the students: being technically-minded, no doubt many of you run into interesting problems from time to time, which are not of a difficult, but of an unusual nature; if you will only write these out, or see that they get to the members of the editorial staff in some way, we will be only too glad to run them if they suit the purpose. We must request, however, that the solutions accompany all problems because, although we solve all problems beforehand, we must have the proper answer in case we get "stuck."

This week's twister contains the old question of salary and ought to be particularly interesting for Seniors who will shortly run up against the same sort of thing.

An employer has a standard test for an applicant who appears to meet other qualifications for employment. "Now, concerning salary," he says, "we pay our salaries in a lump sum every six months. You will start off at the rate of \$1500 per year. What we wish to have you choose is your rate of increase of salary. You may choose between two: an increase of \$100 per year at the end of each year, or an increase of \$25 at the end of each six months' period. Which will you take?"

Which would you take?

First Meeting of Aero Club To Be Friday

(Continued from page 1, col. 2)

A competition among the members is being planned that will lead to prizes of free flights at the end of the season at the Grafton Airport. At this time, the entire club will accompany the winners to the airport on a tour of inspection.

The January meeting will be a discussion led by the adviser on aircraft engines and propellers. The February meeting will be a joint one with a high school aero club. The talk at the March get-together will be on flying models. April will feature a research demonstration by the aero group and May, the inspection trip to the Grafton Airport.

The officers of the organization are: David H. Hunt, president; Stanley W. Kimball, vice-president; and Albert E. Howell, secretary-treasurer.

Freshmen are cordially invited to attend the meetings and are eligible for membership. Dues are one dollar a year with a fifty cent refund for those attending the majority of the meetings. For the benefit of the Freshmen, the aeronautics laboratory is on the top floor of the Washburn Shops.

Interested in SKIING?

Tech Students are Cordially Invited to THE CABIN, WORCESTER'S ONLY SKI SHOP
446 Park Ave. Larry Durgin, Prop.

Phone 3-4298 M. Farrah, Prop.
PREMIER TAILOR
Expert Cleaners and Dyers
111 Highland Worcester

TECH NEWS SPORTS SLANTS

On the request of many of the student body this column has been revived for the duration of the basketball season. Comments on the play of the previous week combined with a few notes on the coming games will make up the meat of the column.

Tech's opening game was a success as far as scores were concerned but it is rather doubtful if Pete Bigler was satisfied with the showing of his men. Rather surprised by the poor showing of the Assumption team, the hoopsters showed no marked ability to sink the ball and even less ability to carry out a steady fast-moving passing attack.

The work of Dick Munson undoubtedly gladdened the heart of the coach as much as it did the older members of the student body. Dick, an outstanding star in his Freshman and Sophomore years, was seriously handicapped last year by recurring appendix attacks; an operation this past summer removed the difficulty and all of Dick's friends were watching eagerly last night to see if he would return to his previous form. Munson certainly satisfied all concerned by playing a bang-up

game and making himself easily the outstanding player on the floor.

Heaps of credit must also be given to Ray Forkey and Al Raslavsky for their accurate shooting and excellent work on the defense. "Ras" and Munson should team up this year to lead Tech's scoring parade to a new high. The only serious defect which appeared in the game was the inability of the guards to prevent fast dribblers from running wild around them and it was only the poor shooting of the Assumption forwards that kept the opponents' score as low as it was.

The after game antics of one group of fellows on the Hill made it seem that they were very hard up for money. Their freshmen must have collected enough for their singing exhibition to obtain still another variety of ice-cream.

CONTEST!
GUESS BASKETBALL SCORE
FREE HAIRCUT
Register Your Guess With
BOYNTON BARBER
113 HIGHLAND ST.



*A coonskin coat, we've heard it said,
Wards off chill winds from heel to head;
In which respect its chief vocation's
Much like No Draft Ventilation's.*



Folks take such things as No Draft Ventilation as a matter of course now that all GM cars have this improvement. But when you add Knee-Action, the Unisteel Body, the Turret Top, improved Hydraulic Brakes and a steady parade of betterments—you see how a great organization moves ahead—using its resources for the benefit of the public—giving greater value as it wins greater sales.

GENERAL MOTORS
MEANS GOOD MEASURE

CHEVROLET · PONTIAC · OLDSMOBILE · BUICK · LA SALLE · CADILLAC

PIERRE WHITING

CARRIED WATER FOR THE FIRST BUILDING ON THE U OF KENTUCKY CAMPUS AND IS STILL CUSTODIAN OF THAT BUILDING!

BUCKSHOT

JUNE MAY MARCH
IS A SENIOR AT OREGON STATE AGRICULTURAL COLLEGE!

WORLD'S SMALLEST PARK
PATION PARK, LOCATED ON MUSKINGUM COLLEGE CAMPUS, COVERS LESS THAN 1/500TH OF AN ACRE. IT IS THE HOME OF ONE TREE, THREE STONES AND APPROXIMATELY 200,000 BLADES OF GRASS.