I have returned proofs to Notman's. If porter for The Tech yesterday. Identification is an interview with a representative of the company. The company is threatening to seriously interfere with the prompt and successful issuance of proofs. The delay is due to the careless and unreasonable delay in returning proofs to Notman's and to the carelessness of the technicians. 

Member Of Technique Board

BLAMES SENIORS FOR PORTFOLIO DELAY!

Foreigners In The Institute To Talk About Work In Own Countries.

For the purpose of getting facts about engineering conditions in foreign countries a discussion group has been organized. The conditions in South America, Japan, China, India, and Turkey will be taken up successively by the group under the leadership of men who know the conditions in each country. The following outline of the work shows the time and place of the meetings, as well as the leaders and the subjects of the talks. The conditions in the

SIGMA CHI LEADS FRATERNITIES IN SCHOLARSHIP

The Tech Leads Activities With Technique Close Second

-Little Difference Between Fraternity and Non-Fraternity Men

A very interesting tabulation of the study activity at the Institute has just been made by the Registrar. Here is a rating of the students in their studies with reference to courses, years, athletics, activities and preparatory school. Some of the facts are

MEDAL AWARDED

Professor Richards Honored By The Mining Society.

Professor Robert Hallowell Richards has been awarded the gold medal of the Mining and Metallurgical Society of America, which will be presented at the meeting of the Society next March. The award, which is the highest honor in its class, is determined by nominations made by all members of the Society. The Council selects the winner from among those nominated. For this award there were but two names suggested by the popular vote of the Society. The prize money is to be made by Walter B. Ingalls, 35, editor of the Engineering and Mining Journal.

CALL FOR CANDIDATES

There will be a meeting of all men who wish to try out for the News Staff, the Circulation Department, or the Business Board of The Tech, Wednesday, February 17, at 1.30 in the lower office. The heads of the various departments will be present to describe the work and to assign the candidates their individual work.

JUNIOR BOARD

There will be a meeting of the Junior Board of Directors in 26 Rogers today at one o'clock. The meeting will last only a few minutes if every man is on time.
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THE TECH

BOSTON, MASS., WEDNESDAY, FEBRUARY 10, 1915.

THE TECH

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WEDNESDAY, FEBRUARY 10, 1915.

IN CHARGE OF THIS ISSUE.

Editor: J. M. DeBell, '17.

The slowness of the seniors in making appointments for their Technique pictures is evidence of laxness and a tendency to procrastinate, but the reckless cutting of dates after they are set indicates something worse. If the innovation of including these pictures in the year-book is to prove a success, the class must be very posted on the condition: unless these arguments are justified, 'to a least extent the same may be said of the Institute activities.

We hope the policy of publishing the relative scholarship standing of the fraternities will be continued. As organizations to which is often, and usually unjustly, imputed a bad effect upon the scholarship of their members, they have a right to know, and to have the public know, just to what extent these accusations are justified. To a least extent the same may be said of the Institute activities.

The project announced in this issue of forming a Technology Lacrosse Team seems well worthy of trial. The game is increasingly popular among American colleges, and is well adapted to the needs of Tech men in the way of exercise. If further argument for the project be needed, it is found in the favorable opinion of Coach Kealy, who is expected.

The thanks of the undergraduate body are due to the Faculty for their willing assistance in solving the knotty problem of Junior Week.

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WORLD
SERIES OF LECTURES TO START TOMORROW

Electrical Engineering Society Will Hear Talks About The Telephone.

The first of a series of six lectures to be given by engineers of the Western Electric Company will be given tomorrow evening. Each of these talks treats some phase of the telephone industry, with regard to construction, maintenance, practical problems, etc. The opening lecture, given by Dr. F. E. Jewett, who is assistant chief engineer of the Western Electric Co., will be replete with interesting and absolute facts, told by one who knows the subject thoroughly.

The list of subjects for the course, as arranged by Dr. Jewett is as follows:
1. Introduction, covering in a general way the scope of the telephone system; the plant required for good services; and an outline of the magnitude of engineering problems involved.
2. Questions of apparatus design, building location and construction, and the general economies which have to be considered.
3. The outside plant, covering the construction of the various types of telephone circuits and the general problems involved in designing and providing for circuits needed to make telephonic connections.
4. Transmission. The economic and physical side of the transmission problem, covering the efficiency of various types of apparatus.
5. Manufacturing. The perfecting of necessary apparatus and the engineering subsequent to the formulation of the requirements for new apparatus and prior to the actual commercial manufacture of the same.
6. The organization necessary to handle the engineering work throughout the system, the general scheme of development, and problems connected with the standardization of apparatus and methods.

Since the Union is to be occupied for Tech tomorrow evening, Dr. Jewett's lecture will be given in 26 Lowell at 8 o'clock. Other speakers for the remaining talks will be announced later. The date of the second talk is February 15.

WATERTOWN TRIP

The B. E. Society will run two limited trips to the Watertown arsenal on the 23rd and 24th of this month. It is imperative that men who desire to be in either party should place their names on the sign-up list immediately. The big gun that was lately sent to the arsenal for its carriage will be inspected and various testing machines will also furnish worthwhile data for investigation.

See The Tech FOR Clothes Trade

CATHOLIC CLUB BALL
AT HOTEL SOMERSET

Annual Event To Be Brilliant Affair—Prominent People Invited.

The Catholic Club will hold its annual ball tonight at Hotel Somerset. This is the social event of the season for the club and has always been one of the most successful affairs of the Institute, ranking second only to the "Prom." The entire club, now numbering over one hundred and fifty members, will be well represented. The dance is entirely an invitation affair and over eleven hundred invitations were sent out to the young people of Boston and vicinity. De Laney's orchestra will furnish the music. It is regretted that Mrs. Halstead, who is one of the matrons, is unable to attend on account of illness, the institute being represented by Mrs. Burlew, who is one of the matrons. Among the invited guests are His Excellency William Cardinal O'Connell, governor David I. Walsh and mayor James M. Curley.

The Catholic Club has greatly increased in size and strength during the past four years and now the regular attendance at its monthly meetings averages about seventy. The president is Charles A. Brodgett of Portland, Maine. The subscriptions to the dance are $4.00 a couple, and the dancing will begin at 8:30 P.M., starting with a grand march, will continue until two o'clock with intermission for supper. During the intermission Mr. Gustave Solaldriga, 16, will sing "Dear Old M. I. T."

The matrons are: Mrs. Alfred E. Burton, Mrs. Charles Brodgett, Mrs. John H. Kennedy, and Mrs. Henry Hagan; Mrs. William J. Dooley, Mrs. J. Francis Driscoll, Mrs. William S. Quigley, Mrs. William N. McKeown, Mrs. William P. Derby, Mrs. James F. Flaherty, Mrs. Thomas H. Saint, Mrs. M. J. Cotter, Mrs. Joseph P. Kennedy and Mrs. James L. Ryan.

Program:
1 Waltz, "Million Dollar Man"
2 "One Step, "Take the Leap"
3 One Step, "At the Ball"
4 "Fox Trot, "Meadow Brook"
5 "One Step, Under the Japanese Moon"
6 Waltz, "Congratulations"
7 "One Step, "You're Here and I'm Here"
8 "Fox Trot, "Ballin' the Jack"
9 "One Step, "Tommy Atkins"
10 Waltz, "Start"

INTERMISSION

11 "One Step, "That's a Plenty"
12 Waltz, "Adonis"
13 "Hands Off"
14 "One Step, "You Never Can Tell"
15 Waltz, "Casablanca"
16 "One Step, "Tipperary"
17 "Fox Trot, "He's A Raspbery"
18 "One Step, "Same Sort of Girl"
19 Waltz, "Blue Danube"

GAME CANCELLED

The basketball game with Penn State, scheduled for next Friday, has been cancelled. The Lehigh game will be played Saturday as planned.

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STUDENT STATISTICS (Continued from Page One)

rose to 68 percent and that the fourth-year class attained an average of 71 percent. The student body as a whole made an average of 68 percent.
With reference to the students entering the Institute from other colleges, they are distinctly in two groups. Those who enter in the first or the lower years have a low record while graduates of other colleges rate comparatively high. It has been interesting to see how the records of students vary who have been concerned with student activities. The Faculty of the Institute has not assumed control over any of the student activities but there are three activities that have concerned the officers in regard to the standing of the students whom they have been considering for positions in their organizations and two of the three, namely, the Tech and Technalegues, have shown splendid records. Their total averages, 73 and 78 percent, respectively, both are higher than the total student average. "The Tech Show" has a record which is not quite so high. The first-year students engaged in it did exceedingly well but the second-year students dropped to a low average while those of the upper two years were not good. The students engaged with the musical clubs perhaps found less time for their work than they needed for they have not made a high average nor has the improvement in the third and fourth year records been so noticeable.

The students engaged in the athletic events have commendable averages especially in the fourth year. The total average of all fraternity students is put little below the average made by the non-fraternity students. The average of the non-fraternity students might from its average be called a Pullus record while that of the average fraternity student would in comparison be a Pullus satisfactory record. The charter with which leads the list has an unattributable high record for a group of students. In the lower part of the list the difference between the records of chapters is less than in the upper range.

Following the custom of a number of other colleges and in order that the chapters of the fraternities at Technology may know where they stand relatively to each other and also that their alumn may help them to continue their efforts to maintain good scholastic standing, we present a list of the chapters as they stood last June: Sigma Chi, Delta Kappa Epsilon, Phi Kappa Sigma, Delta Epsilon Phi, Chi Omega, Sigma Kappa, Theta XI, Phi Beta Kappa, Delta Phi, Delta Kappa Epsilon, Theta Delta Chi, Beta Theta Pi, Lambda Phi, Lambda Chi Epsilon, Theta Phi, Sigma Alpha Epsilon, Delta Tau Delta, Chi Phi.

DISCUSSION GROUP (Continued from Page One)
countries will be taken up under three main topics—the scientific schools, the natural resources of the countries, and the development along engineering lines.

The first discussion will be held Thursday, Feb. 18, from 6 to 8, in the Union. Mr. Geimer, who leads the first hour, is from Rio Porto, Brazil, is a graduate of the University of Pittsburgh, and is now doing graduate work in Technology. He has had experience in construction work in Brazil. Besides speaking of his own experience, he will bring out the general conditions in other parts of South America.

On Thursday, the 25th, Japan will be considered. Interest in Japan is now especially keen. Shortly fifty years ago Japan had no school system of the modern type. The main topic of discussion will be the development of the schools culminating in the great Universities of Tokyo and Kyoto, equal in many ways to any in the world. Prof. Wada, who is now doing research work in chemistry here, and is Professor of Chemistry in Kyoto, will lead the group.

The vast resources of China are well known. What will be necessary for their development will be considered during the hour led by Mr. Chang on Wednesday, March 3. Mr. Chang is a graduate of Wuchang Provincial College, in finishing up the engineering course in chemistry preparatory to practical work in his own country.

Mr. Basu, from Horror, India, came to this University as a graduate of the Presidency College of Calcutta. He is well qualified to speak on India. The exact line of his talk, which is to be March 10, will be announced later. He is especially interested in mechanical engineering.

On Wednesday, March 17, the background of the future "Turkish empire" will be the subject of the talk by Mr. D. Brewer Eddy, who has long been connected with work in Turkey. He has acted as secretary for supplying teachers to schools and colleges, not only in Turkey, but also to India, China and Japan. He comes with slides taken recently in that country.

The group was organized to give Technology men a chance to know more directly the opportunities and conditions in these countries. Pedestrian positions in engineering and other work will be considered. The requirements of various great American corporations for agents and engineers will be taken up, as far as time allows. Any student in Technology is welcome to come with any questions he may have, as the idea of the group is to have discussion rather than mere lectures. Address any inquiries in regard to the work to S. L. Clark, 84 St. James Avenue, Boston.

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TECHNOLOGY MAN LOSES LIFE IN EUROPEAN WAR
Paul Gautier Vignal Killed Near Ypres While Leading A Brave Charge.

The last letter of Lieutenant Paul Gautier Vignal of Nice, to Registrar Walter Humphreyes conveyed Christmas greetings to the Institute. Within a week the young Frenchman was killed in a violent sortie from the trenches about Ypres. Vignal, who had the title of Count, was born at Nice, March 7, 1887, and attended Technology for two years. The notice of the charge in which he lost his life appears in the papers of Nice in considerable detail. The young man, gun in hand, was directing the assault. The news was communica
ted to the Institute by the bereaved father in compliance with the expressed desire of his son. A portion of his Christian letter follows: "I am still alive after a very bad time. We have a two days' rest, but tomorrow everything will start again. I was very lucky, but this cannot al-
ways be. I hope, but I cannot think it is possible, to get out of it. I have seen the destinies too many. The weather is terrible. "We are around Ypres in the water and mud. Dead bodies are close to us. The smell is horrid. We will get the best of them in this war but it will last long. "My best remembrances at Tech. I am sorry to be there but I have to perform my duty to the end. What I have already seen cannot be de-
scribed. This will bring you my best wishes for Christmas."

ELEVATED GETS PRIZE
Professor Swain On Jury Which Awards Brady Medal.

George F. Swain, Gordon McKay Professor of Civil Engineering at the Institute, was a member of the jury which decided the award of the An-
thony N. Brady gold medal to the Boston Elevated. The medal which is to be presented today, was given "for making the best record of any street railway company in the Unit-
ed States in the promotion of the safety and health of the public and its own employees during the year ending June 26, 1914."

During the year the Elevated car-
der 14,181,943 passengers and car-
ered 57,691,486 car miles. Only five
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or while attempting to leave surface
cars: the accident in none of these
cases being the fault of the railway.
No Elevated trains collided or were
derailed and there were no fatal ac-
dents to passengers on the Elevat-
ed trains.

FIRST YEAR BASEBALL
The Athletic Committee of the
freshman class wish to meet candi-
dates for the position of manager of the Freshman Baseball Team, Friday, Feb. 12, at one o'clock at the Cage.
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JUNIOR CLASS DINNER
To Be Held In Union Dining Room Near Tuesday Night.

The 1916 Class Dinner will be held in the Union Dining Room, Tuesday, Feb. 16, at half past six. The committee has secured as speakers for the evening Dean Burton, Professors Norton, Dewey and Hayward, and Mr. Blachstein. In addition to the speaking, an unusual surprise has been prepared to take the place of the "movie." Tickets may be purchased at the Cage and from the Senior Committee or at the Tech Barber Shop and may also be obtained from the senior committee members, Rusael, Spencer and Wood. All this material must be ready for the printers within a short time so delay in obtaining and returning these blanks is as fatal as a similar delay in regard to the pictures.

T. C. A. TALK
The next T. C. A. Talk will be given tomorrow by Rev. James R. Richards, pastor of the Mt. Vernon church. His subject will be entitled "A Big Fish." The fact that many students of both Harvard and Tech attend Mt. Vernon is an evidence of his popularity and ability. Other strong speakers who are to be seen are both freshmen and Tech students from the near future are President Martin of Boston University, Rabbi Levi of Temple Israel and H. I. Gibson, State Secretary of the Y. M. C. A. for Boys' Work.

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Gaston Storino
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Matt McGrath
"No athlete need fear to smoke as much as he wants, if he uses Tuxedo. It's a general lucky in any man. A price of Tuxedo puts new life into me."

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Boat Club to Make Plans for Season

Rowing Machines Installed As Added Incentive For Candidates.

Members of the Boat Club and all students who are in any way interested in rowing are requested to be present at a meeting to be held today at 4:30 in the Cage. Plans for the coming season will be discussed and any proposals made may be debated. The opportunity for the development of good class crews this year is exceptionally good.

The B. A. A. has very kindly loaned a number of rowing machines to the Club and through the kindness of Stone & Webster these have been set up in the basement of the Irving Street Armory, where they will be used regularly in indoor practice. The call for candidates will be issued early next week and work on the machines will begin at once.

Freshmen will be particularly looked for in this branch of Institute sports since the greatest number of "Technology men is to see a strong varsity crew on the Charles by the time the new buildings are occupied. It is interesting, furthermore, to freshmen to note that the 1917 class crew won the inter-regatta held last May. The championship banner denoting this victory will be placed in the Union at this week.

When once established in Cambridge the crew prospects will brighten visibly and with this fact in mind the third year architecture, through the kindness of Prof. Williams, are planning to draw plans for a boathouse.

A New Activity

Any student who is interested in the formation of a lacrosse team is requested to leave his name and address at box 64, at the Union. An attempt is being made to exempt from the usual work routine any candidates for the sport. A meeting will be held later in the week.

Freshman Pipes
The freshmen who ordered class pipes can obtain them by calling at the Cuban Cigar Store, 42 Huntington Avenue, next door to Hotel Oxford.