

## PROF. BLANCHARD OF COLUMBIA WILL TEACH

To Give Condensed Course In Highway Engineering To Juniors, And Then Leave For France In Charge Of Overseas Bureau Of Public Works.

### REPLACES PROF. HUGHES

Professor Arthur H. Blanchard of New York, one of the country's foremost teachers of highway engineering, who was in charge of the graduate course in highway engineering at Columbia University until that institute dropped the course temporarily a short time ago as a war measure, but who still keeps his office there, has been secured by Prof. Spofford of the Civil Engineering Department to give the third year course in highway engineering at Technology this term.

Professor Blanchard takes the place of Professor Hector J. Hughes of Harvard who has given the course here in past years but who was prevented from doing so this year by the recent decision of the Supreme Court, nullifying the merger between Technology and Harvard.

Professor Blanchard is here twice a week, Wednesdays and Fridays. Ordinarily the course is given one hour two days a week but this term Professor Blanchard is doubling up on the hours, giving two hour periods each day, as he expects to go to Europe some time between May 15 and June 1. He is a graduate of Brown University and Columbia. After teaching at Brown from 1899 to 1911, and he then went to Columbia.

It is as Chief of the Bureau of Public Works of the Army Overseas Educational Commission that he goes to Europe. He will take with him a staff of about twenty men and his work will be the supervision of instruction in Public Works in 500 Post schools throughout France and occupied Germany. Talking to a representative of The Tech, he explained that it was not the purpose of the government to in any way hinder the transportation of troops back home but to help the soldiers spend profitably the months, perhaps, that must elapse before they can be brought home.

Professor Blanchard is very enthusiastic over his prospective work with the soldiers from their point of view and also from the point of view of highway engineering in the future. The object of the instruction in Europe will be twofold, first to give the soldier that education in Public Works which every citizen ought to have, and second, to help the soldier to a better job on his return. Professor Blanchard's job is to give the soldier the education that will enable him to become manager of highway transportation for a certain locality, or some similar position. This education of the soldier is bound to react to the benefit of highway engineering. Professor Blanchard points out, since the men will come to see the advantages of highway transport over rail-

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## JUNIOR PROM SIGN-UP CAMPAIGN BEGINS MONDAY

The sign-up campaign for the Junior Prom will begin Monday April 14th at 1:00 o'clock in the main lobby. The campaign will last over a period of about ten days or until the sign-ups are sold.

The cost of the Prom sign-ups will be \$2.50 per couple and the cost of the Prom tickets will be \$5.00 additional. The Prom is to be held at the Copley Plaza with "Bert" Lowes' orchestra and dancing until 4:00 a. m.

The poster contest ends Monday, Apr. 14, at 12 o'clock noon. All posters must be handed in at the information office by this time. The winner of the contest will receive a free ticket to the Prom. Posters may be of any design or color but must be 11x17 in. in size.

The Naval Architecture meeting which was to have taken place Thursday has been postponed until Tuesday.

## ELECTORAL COMMITTEE

There will be a meeting of the Technique Electoral Committee Friday night. The next meeting will be held Monday, April 14 at 5:00 in Room 10-275.

## RUNKLE IS THE VICTOR

By winning one out of the last three games with Holman, Runkle Hall wins the bowling championship of the Dormitories. It was a close match all the way, Holman taking the first game, whereas Runkle came back in the second and won by eleven pins. McWane won the game for Runkle by bowling 94, whereas most of the other men fell down under the great strain. The members of the championship Runkle team were: W. McWane, A. Robinson, W. Loesch, J. Christoph and C. Brown. A suitable emblem is to be presented to the hall in the form of an engraved plate which will be placed on an athletic board, to be placed in the lower corridor of each hall. This will start a new custom in the Dorms and the Dormitory committee says it is up to all men to strive to win the yearly athletic competition so that the plates may rest on the boards of their hall.

	G.	W.	L.	P.C.
Runkle.....	18	12	6	.667
Holman.....	18	11	7	.611
Atkinson.....	18	9	9	.500
Nichols.....	18	4	14	.222

## NEW BULLETIN IS OUT

### Rise In Tuition Not To Affect Classes of '21 and '22

The 1919-1920 Massachusetts Institute of Technology bulletin is now out and can be had, on application at the Information Office.

This volume is in no way radically different from the previous issue. It does not include the lists of subjects taken in the various courses as did last year's bulletin. Regarding the courses it merely goes on to explain their purpose and their merits. Owing to the crowding in certain courses particularly, a method for limiting the numbers has been devised. Men desiring to enter the chemical engineering will have to pass more stringent tests than formerly. The bulletin also announces that the class entering in 1920 will have to pay a tuition fee of \$300, while men already entered will pay the usual fee. Passing a trigonometry examination will be a requirement for entrance in and after 1920. Another feature of the issue is the complete plan of the dorms with rooms and prices fully indicated.

## INTER-FRATERNITY BASEBALL STARTS

Inter-fraternity baseball has now started in earnest. The baseball committee, chosen by the Inter-fraternity Conference, sent out schedules about a week ago and so far three games have been played.

The way the schedule now stands the series is purely an elimination contest and when any team loses one game it automatically drops out of the race. The fraternities have been divided into four leagues, as has always been done formerly. They are the Cambridge, Beacon, Bay State and Commonwealth leagues. Sigma Chi beat Phi Sigma Kappa by a score of 3-2 Tuesday afternoon, and Delta Upsilon won from Sigma Alpha Epsilon on Thursday morning at six o'clock, 9-3.

Both these games were played by Beacon league teams, and it has struck the other fraternities as unfair that their career should be cut short very suddenly. Consequently action is being taken to change the schedule so that each team plays every other one in the league.

Quite a few of the fraternities are out at six o'clock every morning practicing. A great deal of the practicing is done on the Fenway field, where most of the games were played last year.

On the Cambridge side of the river, Phi Beta Epsilon beat Delta Tau Delta in a five-inning game by a score of 13-7 on Thursday morning. The score of the first few innings was very close, and it was not until the finish that the winners increased their margin of victory.

## CREW CUTS THE WATER

### "Technology On The Charles" A Reality And Not A Myth.

Crew is rapidly getting into the limelight at the Institute. Every afternoon, weather permitting, Technology shells may be seen on the Charles, headquarters being the B. A. A. boathouse on the Charles river road embankment at Cottage Farm bridge. At present there are about sixty freshman candidates out, and twenty-five Sophomores, from which two temporary eights have been picked, but as these are changed almost daily, there is still a chance for newcomers. The first eights mentioned are as follows: Freshman, 1, Edward A. Ash; 2, Malcolm L. Fisher; 3, Philip L. Riley; 4, Robert J. Hull; 5, Chester W. Greening; 6, Coleby W. Bryden; 7, Seymour H. Hemenway; 8, Francisco Ravecca, Jr.; cox., Henry W. Coughlin. Sophomore, 1, Francisco Parra; 2, Robert W. Haskel; 3, William H. Rose, Jr.; 4, Daylton T. Brown; 5, Joseph G. Hauber; 6, Leon A. Lloyd; 7, Feldsine; 8, Irving D. Jakobson; cox., Trevor O. M. Davidson.

Although practically all the material is "green," Coach Pat Manning of the B. A. A., who has been engaged by the Institute crew management, is having excellent success with his proteges. The selection will eventually narrow down to four freshman shells—two eights and four—and two Sophomores—one eight and one four. The freshman practice every afternoon, including Saturday, while the Sophomores practice on Tuesday, Wednesday and Friday afternoons, and Sunday forenoon, each man having a definite time, as this is the only possible way by which so large a body of men may be kept track of. The management is enthusiastic over the schedule for the coming season, which was announced in a previous issue of THE TECH. The first event carded takes place on Field day, when crews will represent the freshman and Sophomore classes in a match race.

## VOO DOO TO HOLD COMPETITION FOR NEXT MONTH'S COVER DESIGN

Phosphorus has spoken! One of the first commands of the new oracle of the Voo Doo was "Let there be a cover competition. And there shall be a cover competition." The final issue of the Voo Doo for the year, the Junior Week number which will appear May 26, was chosen as most fitting for the competition. All cover designs must be in by May 1 to be considered for the competition. They should be turned in, in the form of a black and white ink drawing accompanied by a cover chart. The latter preferably should be a transparent paper over the ink drawing, showing the location of each color. Any notations for additional clarity should be made in the margin of the ink drawing. The height and width of the drawing should be in the ratio of ten to eight, and the width of the original drawing about sixteen or twenty inches. It is recommended that two colors and black be used, but three colors, besides black may be used. A border design of some type should be used, but in most cases a thin black line will answer this purpose. The subject must be appropriate to Junior Week, but must not require too great detail to make its point. All the lettering necessary will be "Voo Doo Junior Week Number." This may be put in any desired place, and done in a style to conform to the design of the cover.

While this cover competition will not lead directly to any position on the Voo Doo, it will be given considerable weight in choosing an art editor for the coming year. If it makes a success in this, its inaugural appearance, it will become an annual feature of the magazine. In addition to cover designs, the Voo Doo is open to receive all drawings appropriate for the Junior Week Number. Any suggestions or fully worked up articles may be turned in for the above number or for the May issue which will appear about May 5. All contributions for the latter must be in by April 25, except the drawings which must be in by the 20th. All contributions for the Junior Week number must be in by May 12.

## INSTITUTE DROPS 28 MEN

The number of men who left the Institute at the end of last term because their "record prevented further continuance," was twenty-eight, about one per cent of the total number of students. The casuals were mainly from the freshman class—sixteen were junior and seven regular freshmen, four Sophomores, and one Junior. According to the rumor spread last term, there were 150 too many men at Technology, and when asked why only twenty-eight were found lacking, the Dean replied that a great many were given another chance.

All junior freshmen were received this term on their own responsibility and most regular freshmen were allowed to enter the S. A. T. C. or S. N. T. C. last fall on a certificate from a high school. According to Dean Burton, the men did not enter in September with the idea of escaping the draft, but to get ahead in an engineering line. If they did join an S. A. T. C. for this reason, they went to an easier college. Many of the men in this branch who were not well enough prepared did not try to keep on at the Institute. With these facts in mind, the Dean thought this record of only one per cent was very good.

## THERMIT WELDING SEEN

### Course II Men View Moving Pictures And Actual Demonstration.

Over a hundred and fifty men attended the meeting held by the Mechanical Engineering Society in the main dining room of Walker Memorial, Wednesday evening at 7:45. Mr. Brown of the Metal and Thermit Corporation gave the demonstration and lecture on the thermit process of welding. First there was a moving picture and stereopticon demonstration of thermit as a welding medium, its chief usefulness being in the welding of large broken parts of machinery such as locomotive frames, steering posts on ships, rolling mill machinery, rail and pipe welding. As Mr. Brown spoke of the adaptability of the process to the different kinds of machinery, he had accompanying moving pictures to demonstrate what he said. The largest weld made by this process was the weld of a shaft on a prime mover in a steel mill with a diameter of 26 inches where 3500 pounds of thermit were used.

After the talk in Walker, every one went over to the foundry laboratory where a pipe weld was made by Mr. Brown. When all the lights were turned off quite a display of fireworks was seen.

## LATIN AMERICAN CLUB TO HOLD INTERESTING MEETINGS

### Louis Giannattasio to Talk on Uruguay Annual Dinner on May 6th

The next meeting of the Latin American Club to be held Saturday at 2 o'clock in room 2-190, promises to be of special interest. Mr. Louis Giannattasio who comes from Montevideo, Uruguay, will deliver a lecture in Spanish on Uruguay. The Spanish Club of Harvard has been invited to be present and everyone else that is interested is invited to attend.

Mr. Giannattasio's talk is the second of a series of lectures to be given at the club's meetings. At the next meeting a very interesting afternoon is being anticipated in a lecture on Mexico by M. Sandoval '20. Another meeting which promises a great deal of interest is the much looked forward to, discussion of the Tacna-Arica question. A lecture will be given by a Chilian student representing the Chilian point of view, at a later meeting it will be answered by a talk giving the point of view as seen by Peru. This lecture is to be given by a Peruvian student. Much interest is being shown in the outcome of this little friendly argument.

The annual banquet will be held on May 6th.

Many noted men have been invited, including Gov. Coolidge, Mayor Peters, Dr. MacLaurin, and members of the Faculty as well as representatives from the various activities.

## PETITION THE FACULTY FOR NEW AERO COURSE

### Aeronautical Enthusiasts Have Backing of Professor Parks and Dean Burton in Their Request.

#### AERO SOCIETY TO BE FORMED

A number of aeronautic enthusiasts met last Tuesday to discuss the possibilities of having established at the Institute a complete undergraduate course in aeronautical Engineering. A petition was circulated which was signed by all of those attending. This document was a formal request that such a course be inaugurated next fall at the beginning of the school year. Considerable enthusiasm was apparent among the twenty odd men who were present at this meeting, and practically all of them are seriously contemplating taking up this course. In fact many of them have already definitely decided upon this alternative.

In past years the Institute has supported a complete graduate course in Aeronautical Engineering, and consequently is in possession today of very complete equipment for carrying on this type of study. Thus far no attempts have been made to convert this course into an undergraduate function, or to add an undergraduate course in the subject still retaining the graduate course. However, due to several requests quite recently made by undergraduates of the Institute, the Faculty is being converted to this new idea. This is especially true since Professor Peabody, who has had charge of the aeronautical department in the past, quite agrees with the men that the step has expressed his approval, and with these two men as Faculty advisors, the petition for the course has been duly filled out and submitted.

The number of students taking this course at any one time will probably be restricted to a maximum of thirty, for the work is of a very particular and intensive type, and individual instruction is necessary to a large degree.

In conjunction with this course it is planned to organize a student society which will have for its aim the furtherance of the course. At present it is expected that membership will be restricted to those who will actually be taking the course. The main reason for this decision is the fact that the talks and lectures given will be of a definite technical nature, thus enlarging upon the topics taken up in the classroom, and for the most part uninteresting to laymen with but a slight practical knowledge of aeronautics.

At present a committee is drawing up a proper constitution for the society, and this document will be submitted to the prospective members next Tuesday at one o'clock in Room 3-370. Men who have already signed the petition are requested to attend this meeting as the business to be transacted will be of fundamental importance.

## CALENDAR

- Saturday, April 12.
- 1.00—Officers of Cosmopolitan club to meet in Room 10-267.
  - 1.00—Meeting of freshmen crew managers in Room 4-108.
- Monday, April 14.
- 5.00—Glee club rehearsal in Room 10-250.
  - 5.00—Banjo club rehearsal in Room 1-190.
- Tuesday, April 15.
- 1.00—Aeronautical Engineering society to meet in Room 3-370.
  - 4.00—Baseball, 1922 vs. Winthrop High at Winthrop.
  - 5.00—Mandolin club rehearsal in Room 1-190.
  - 5.00—Dinner of Finance committee in Walker Memorial.
  - 5.00—Tech-Technique baseball game, Walker Memorial field.
- Wednesday, April 16.
- 1.15—Finance committee picture to be taken at Notman's Studio in Harvard square.