

THE TECH

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Friday, January 3, 1908.

IN REGARD TO COMMUNICATIONS

The Board of Editors of The Tech wish it to be understood that the columns of the paper are open to anyone connected with the Institute, for Communications. In this volume, in order to prevent abuses of this right, the Board has decided to print only those communications that are signed.

ALL TOGETHER.

Things are moving. The project to use Copley Hall for the good of the students is under way. Whether the movement will be a success or not depends on the students themselves; or not to be impersonal, its success depends on the individual man who is reading this; depends on you.

Almost without a doubt if the students show the Corporation and the Faculty and the Walker Memorial committee that they are strongly in favor of the new arrangement, that they will work for it and support it enthusiastically now and hereafter, the movement will be successful. Otherwise, if the students act merely lukewarm and only show passive approval, Copley Hall will be used as in the past. For although the students are of course tremendously strong in their desire for better and broader conditions, the corporation and the Memorial committee cannot be expected to realize the intensity of this desire unless it is shown. The scheme involves considerable cost to the Institute and the payment of a large amount of money by the Memorial committee. It is certain that these expenditures will not be made unless those in charge feel sure that the new arrangement will after completion receive enthusiastic support from the student body as a whole. In fact it would be plainly poor policy for the Institute and the committee, at considerable sacrifice, to give the student body something that it did not very much want.

Without question the students are sincerely, are unanimously back of the new

plan. They will support it heart and soul. The point is that they must make their backing evident. The individual man, the reader of this, you, must feel your usefulness. You want this thing. Then use your influence; push it through; make your support be seen. On you, collectively, depends success.

NEW CATALOGUE CONTAINS CHANGES.

(Continued from page 1.)

lighting and power transmission substituted. Course VII has been revised and geology changed from the third to the second year. The changes in the other courses are relatively slight.

The graduate work is treated in much closer details and a graduate year schedule for each course is shown. Most of the additions to the subjects of instruction are connected with the graduate work, although some of the undergraduate courses have been altered.

The changes in graduate work; the establishment in each course of definite groups of graduate studies which will lead to the degrees of master of science, doctor of philosophy, and doctor of engineering show that the Institute is now a scientific institution of university scope. Of the graduate courses, sixty are entirely new.

New, more advanced courses in alternating current machinery are announced. Advanced work is given in structural design, especially in re-enforced concrete. A year's graduate work, completing the senior course in hydraulic engineering, considers water-power with special attention to the study of rain-fall, run-off, storage and delivery of water, and design and construction of irrigation. The second half of this course treats water control from the point of view of navigation, especially in harbors and canals. A course in dairy bacteriology considers the problem of milk supply for large cities in all its details of sanitary control, pasteurizing, transportation, distribution, refrigeration, etc. A course by Prof. Sedgwick treats of the natural history of epidemics in relation to water and milk supplies and sewerage.

Many of the new courses are continuations of undergraduate work. Senior work in steam engineering is prolonged into graduate study of gas engines as competing with steam engines. A graduate course in railroad engineering follows up a more technical course with a year's treatment of railroad economies.

Others among these new courses meet the larger problems of the "captains of industry." A half year's study is offered in discussion of the application of contact and other law to specifications commonly used by engineers. An interesting example of such a course is offered in electrical engineering, on the relation of public service companies to the government and to the people, the methods of organizing such companies, the legitimate expense, the management in its commercial aspect, and the legitimate functions of such companies. The instruction from the engineering department will be supplemented by that from the economic department, considering the topics from the view of public interest. The timeliness of such study is evident.

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