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No. 1, MERCANTILE BUILDING, 16, SUMMER STREET,

To will all the second and a second s

DEAR SIR. - DEAR S

I beg leave to invite your attention to the Objects and Plan of the School of Industrial Science of the Massachusetts Institute of Technology, as set forth in the accompanying pamphlet, and to ask your assistance in the proposed early initiation of some of its Courses of Instruction.

The building intended for the use of the School of Industrial Science, now in process of erection, will, it is expected, be in readiness for occupation next winter, when the various departments of the School will be permanently organized, and put in operation.

In the mean time, to facilitate the progress of students who may wish to qualify themselves more completely for entering on the regular courses of study and practice, and to save the time of others more proficient in elementary studies, who may desire to enter, in advance, the second year's course, it is proposed to open some of the Classes in February, in the rooms of the Institute, in Summer Street.

It will be seen, by reference to the pamphlet just mentioned, that the studies and exercises of the School are so organized as to provide a complete course of instruction and training, suited to the various practical professions of the Mechanician, the Civil Engineer, the Builder and Architect, the Mining Engineer, and the Practical Chemist; and, at the same time, to meet the more limited aims of such as desire to secure a scientific preparation for special industrial pursuits,—such as the Direction of Mills, Machine Shops, Railroads, Mines, Chemical Works, Glass, Pottery, and Paper Manufactures, and of Dyeing, Print, and Gas Works; and for the practice of Navigation and Surveying, of Telegraphy, Photography, and Electrotyping, and the various other Arts having their foundation in the exact sciences.

The Courses of Instruction, while thus providing for the scientific study of the Constructive and Manufacturing Arts, offer a variety of general as well as special studies, which may be advantageously followed by students preparing for commercial occupations; and they present to such as are desirous of becoming teachers

of science in our schools and other institutions the opportunity of equipping themselves for this profession, by practice in manipulations, as well as by an ample course of scientific studies.

The Classes proposed to be opened at this time embrace most of the subjects designated in the pamphlet, as appertaining to the first year's course, and are as follows:—

ELEMENTARY MATHEMATICS, WITH PRACTICE IN THE USE OF THE CHAIN, LEVEL, &c.;

ELEMENTARY PHYSICS;

ELEMENTARY CHEMISTRY, WITH MANIPULATIONS;

DRAWING;

THE FRENCH LANGUAGE.

This preliminary course will cover a period of four months, commencing, it is expected, about the middle of February. The precise date of its commencement, as well as the programme of instruction in the several Classes, will be made known as soon as their organization has been determined on.

Information as to the cost and conditions of entrance, and other particulars of the course, can be obtained by applying at the rooms of the Institute, No. 16, Summer street, between the hours of 11 and 2, or by addressing the undersigned at the same place. It is desirable, that persons wishing to enter the School at this time, should make known their intention as early as possible.

Hoping that your appreciation of our "Objects and Plan" may lead you to encourage your young friends, to avail themselves of this preliminary organization, I remain,

Yours, very respectfully,

WILLIAM B. ROGERS,

Pres. Mass. Inst. Tech.

By order of the Committee on Instruction of the Institute.

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WILLIAM SANDAR

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