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Rooms of Massachusetts Institute of Technology,

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

BOSTON, JAN. 24, 1865.

DEAR SIR,—

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.

of science in our schools and other institutions the opportunity of equipping themselves for this profession, by private or systematic tuition, as well as by an ample course of scientific study.

The Classes proposed to be opened at this Institute consist of the subjects designated in the pamphlet, or by the following five-year's course, and are as follows:

- ELEMENTARY MATHEMATICS, WITH PRINCIPLES OF THE THEORY OF LOGIC, AND OF LAWS, &c.
- ELEMENTARY PHYSICS.
- ELEMENTARY CHEMISTRY, WITH MINERALOGY.
- DRAWING.
- THE ENGLISH LANGUAGE.

The preliminary course will extend a period of four months, terminating, it is expected, about the middle of February. The precise date of its commencement, as well as the appointment of instructors in the several Classes, will be made known to you by this or another notice, as soon as they have been determined on.

Information as to the cost and conditions of the course, and other particulars of the course, can be obtained by applying to the rooms of the Institute, No. 16, Summer street, between the houses 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 "Wishes and Desires" may lead you to encourage your young friends, to attend the courses of this preliminary organization, I remain,

Truly, very respectfully,

WILLIAM W. BENTLEY

By order of the Committee on the proposed course of study.

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, Machinery shops
Rail Roads, Mines, chemical works, Glass Pottery &
Paper Manufactures, & of Dyeing, Print, & Gas works; and for
the practice of Navigation & Surveying, of Telegraphy,
Photography & the Electrotypes & the ~~other~~ various other
Arts having their foundation in the exact Sciences.

The Course of instruction which thus providing for
the scientific study of the Construction & 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} ~~and present~~ to
such as are desirous of becoming teachers of Science in our
Schools & other institutions the opportunity of equipping
themselves for ~~the profession~~ for this profession by
an acquaintance both practical & theoretical in Manipulations
as well as by the ^{an ample} ~~study of~~ ^{grasp} ~~scientific~~ studies.

The Classes proposed to be ~~opened~~ ^{opened} at this time
embrace most of the subjects designated in the pamphlet
as appearing to the first years 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 ^{next} ~~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 & conditions of entrance
and other particulars of the Course can be obtained by
Applying at the rooms of the Institute ~~at~~ 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 people to avail themselves of this preliminary
organization - I remain

Yours very respectfully
William B Rogers.
Pres. Prof. Inst. Tech...

By order of the
Comm: of Instruction of the Inst.

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Circular letter
Wm B Rogers
Pres. of Inst. Tech.
July 24. 1875
W. B. R.

Pres. of Circular of
Preparatory Course, 1865

750 Copies.

Rev. of Messrs. No. 1 of Tech 7,

No. 1

Wentworth Building, Boston
July 24th 1875.

Dear Sir,

I beg leave to invite your attention to the ^{8cims #} ~~plan~~ ^{Objects} ~~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 ^{propose} early initiation of ~~its~~ ^{some of its} Courses of instruction.

The building intended for the use of the School of Industrial Science was in process of erection when it is expected to ~~be~~ ready 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 & practice, & to save the time of others more proficient in elementary studies who may desire to enter in advance the second year course, it is proposed to open some of the classes early in Feb'y in the rooms of the Institute in Summer St., ~~provided a sufficient number of pupils offer themselves to justify the preliminary organization.~~

It will 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 & training suited to the various practical professions of the Mechanicians, the Civil Engineer the Builder & Architect the Mining Engineer & the Practical Chemist.

72