

The new building contains commodious Chemical, Assaying, Physical and Biological Laboratories, Chemical and Engineering Lecture Rooms, a Room for Designing and Drawing, and Apparatus and Model Rooms. Private laboratories, balance rooms and experimental rooms, are also provided, along with the requisite fittings, apparatus and store rooms.

The position which it is intended that the School of Practical Science shall occupy in the Educational system of Ontario may be indicated as follows:—

I.—Students, who have passed through the regular courses of the School, will be enabled to prosecute professionally: (1) Engineering; (2) Assaying and Mining Geology; or (3) Analytical and Applied Chemistry. With this view, Diplomas will be granted in each of those branches after due examination.

The instruction in Engineering is designed to give the student a thorough knowledge of the scientific principles of the profession, and also to afford such practical training in drawing and surveying as will make him immediately useful in the office and field.

The establishment of a Diploma for special qualifications in Assaying and Mining Geology, apart from the knowledge of these subjects incidental to the course of Mining Engineering, is called for by the necessity which exists for the development of the mineral wealth of the Province. Students who pass through the course necessary to obtain this Diploma will have acquired the knowledge requisite for inspecting and surveying mineral lands, as well as the ability to report accurately on the composition and value of economic minerals generally.

The importance of the study of Chemistry is now fully recognized, and in Canada, through the Public Analysts and otherwise, protection is being secured to consumers, while the producers are necessarily brought to recognize its importance. The course in Chemistry is such as to fit the student for the position of Public Analyst or of Consulting or Resident Chemist.

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