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## COLLEGE OF TECHNOLOGY FOR ONTARIO.

So much general interest has been felt in regard to the establishment of the proposed College of Technology for Ontario, that we desire to devote some attention to the subject in this number of the Journal. With this view we have collected, and largely develop in our midst a great amount of useful talent, now insert a number of extracts and papers relating to Technology, and the proposed School of Technical Science. These papers, we trust, will afford some valuable information on the subject.

various kinds of handicraft, and to the scientific professions,such as civil engineering, etc. A College or School of Technology has, therefore, to do with the practical instruction and training of persons in any particular art, handicraft, or scientific profession which they may choose.

The object of the proposed School of Technology for this Province is so concisely set forth in the following circular from the Department of Agriculture and Public Works that we insert it in this place :---

## CIRCULAR FROM THE HON. MR. CARLING IN REGARD TO THE SCHOOL OF TECHNOLOGY.

### (Addressed to the Manufacturers of Ontario.)

"You are doubtless aware that the Legislature, during its late Session, voted the sum of \$50,000 for the purpose of erecting suitable buildings, and to provide the necessary apparatus, for a Technical (or Industrial Science) School or College.

intentions of the Legislature, I take the liberty of calling your attention to the general purpose and objects of the proposed School, That is a matter of detail which can be arranged at the proper and request the several purpose and objects of the proposed School, and request that you will furnish me some information in regard to time by the Government and the authorities of the Technical College.

the want of trained or skilled persons in the branch of manufacturesn or business, which you carry on, as well as such other informatioe as may aid in rendering the proposed institution most useful to th numerous class of manufactures now springing up in various part<sup>s</sup> of the country. For greater convenience I have ventured to append a few questions on a separate sheet of paper, which I shall thank you to answer and return to this Department.

"I may state, generally, that the object of the proposed School of Industrial Science will be to provide, in a two-fold form, for the education of Mining and Civil and Mechanical Engineers; of Man-ipulation in Metals; of Workers in Wood, Leather, Woollen and Flax fibres; of Designers, Modellers, and Carvers in the Decorative and Industrial Arts; and of persons desirous of studying Chemistry as applied to our various manufactures. The instruction in these several matters may be given in either of two ways, or in both combined, viz.

"1st. By means of popular Lectures and Classes in the evening, illustrating them by a collection of models and diagrams of various kinds of machinery, and by examples of the principles on which mechanical contrivances are constructed; and by the most approved examples in Drawing, Designing, Carving and Modelling.

"2nd. By means of a prescribed course of daily study and lectures, with a view to provide for the better instruction of those who evince an aptitude for Mechanical, Engineering, or Scientific pursuits; or who indicate a taste for Designing, or for the Decorative Department of manufactures.

"To those who would desire to prepare themselves in any of these branches of education, such an Institution, and such a course of study, would be invaluable. By its means we would be enabled to lying dormant, which would prove eminently serviceable in promoting the best interests and success of Industrial Art and Manufactures among us. "Being anxious, therefore, to obtain all the information possible

on the foregoing subjects, I take the liberty of asking that you will As the name implies, Technology relates to the useful arts, to have the goodness to communicate to me, at your earliest convenience (in addition to the questions proposed), your views as to the actual requirements of the profession or business in which you are engaged, and of the course or kind of studies which you would recommend as the best adapted to secure the end in view, namely:-The advancement of the Mining, Engineering and Manufacturing and Arts interests in this Province."

#### ANSWERS TO THE FOREGOING CIRCULAR.

We have much pleasure in inserting the following extracts from answers received by the Hon. Mr. Carling's Department to the foregoing circular. They are from Engineers, Mechanics, and other industrial interests which the proposed College is designed to pro-mote. Their perusal will shew how deep a feeling there exists throughout the country, in regard to the necessity for such an Institution. The surprise expressed is that no practical movement had ever before been made to supply, so effectively as is proposed, a want which is found to exist so extensively among all classes of our industrial population.

The extracts, as it will be seen, relate only to the necessity which is felt to exist on the part of manufacturers and others, for a tech-We have nical education of their workmen and other employes. not thought it necessary to give those parts of the replies received "So as to enable the Government more effectively to carry out the which relate to the course of studies which it is thought to be most