

Dear Sir,

18/2

At the request of the Professors of the School of Civil Engineering of Trinity College, Dublin, I enclose for your perusal a syllabus of the course of training in the theoretical principles of Civil Engineering and allied sciences, pursued in this School. The training is, also, - so far as is practicable in a University course- extended to the practice of field and office work.

The Professors of this School of Engineering also beg to call your attention to a scheme for the Registration of past Graduates of this School, and venture to request of you that if you are one of this number you will keep me informed from time to time of your address.

To the ^{Register} list of Graduates and Licentiates in Engineering will be added one of the out-going Graduates and Licentiates. This list appearing each year in the month of November will have the names of the Graduates arranged in the order of merit in which they have qualified for the ~~xxx~~ Degree or Licence in Civil Engineering.

In thus calling your attention to the work of this School of Engineering the Professors of ~~the~~ School hope to enlist your sympathies in checking to some extent the ~~growing~~ ^{involved in} evil ~~of~~ the entry into the profession of young men who have not received special training in the principles of the various branches of mathematics, mechanics, experimental physics, chemistry and other sciences which the profession embraces. ~~to the exclusion, in some cases of those who have received such training.~~

The existence of this evil has been recognised in the recent action of the Council of the Institute of Civil Engineers whereby candidates for entry into that Institute are subjected to an examinalional test in the theoretical principles of their profession. It is ^{indeed} but too apparent that ^{result of} the entry into the profession by a course of purely office practice and a knowledge of certain empirical rules and methods, ^{acquired} ~~gathered~~ at random, ^{must be} ~~can only result in the~~ loss of the status of the profession and hinderance to its scientific advance in these countries.

It should be the aim both of the Schools and of the established members of the profession to discourage the excessive specialization which is apt to arise from entry into the profession through the office. It is not to be denied that many distinguished and useful members of the profession have begun their careers in this manner, but it is only the exceptional man ^{can} escape the risk of falling into pure empiricism and attain to the capacity of advancing his profession ^{by keeping abreast of the scientific progress of his time.} ~~when occasion offers.~~

The Professors of this School are of opinion that much of this evil arises from want of touch between Schools

2 18/2

of Civil Engineering, on the one hand, and on the other those members of the profession who have it in their power to advance the professional careers of young men quitting the Schools of Engineering. While many such members of the profession fully recognise the importance of encouraging young men to prepare themselves for the practice of their profession by a term of years spent in acquiring a knowledge of its fundamental principles, little is done by the authorised Schools of Civil Engineering to bring under the notice of the profession the ~~work of the~~ work of the Schools and the claims of recent graduates. By extending their support to these young men can the existing members of the profession most directly promote its ultimate interests. On the other hand ^{Scientifically} the trained intelligence of the young engineer, enabling him more readily to enter into the work of his employer, or to encounter special difficulties, in itself constitutes sufficient reason for according preference to his selection.

I am requested to call your kind attention to the course of training pursued in this School and to express the willingness of the Professors ^{to accord} ~~of~~ their best consideration to any suggestions you may make for its improvement.

Should you desire to receive ^{an} the annual report please sign the enclosed card, adding your address, and ^{return it} ~~post~~ to me. There will then be annually submitted to you - in November each year - a report on the work of the School, the addresses of past Members as far as can be ascertained, and a list of out-going Graduates with their University distinctions. These reports will be issued gratis and sent post free to your address.

The Graduates and Licentiatees of this School are in some cases willing to pay a fee for apprenticeship. In other cases the Graduate ~~is~~ is not in a position to do this, and in yet other cases he must look for payment. It, of course, frequently happens that the latter classes include some of the ablest and most responsible of our young Enginneers.

Enquiries ^{regarding} at any time ~~after~~ ^{regarding} past Graduates of the School ~~for~~ ~~ENGINEERS~~ ENGINEERS or ~~after~~ young men qualified in this School may be addressed to:-

The Registrar, Engineering School, F.U.D., and your application will receive the best attention of the Professor of Civil Engineering and the other Professors of the School.

From the opportunities of intimate personal contact with ~~xxxxxxxxxx~~ their pupils (throughout the period of three years over which the course extends) which the professors of this School possess, they feel confidence in recommending to members of the profession assistants adapted to meet particular requirements - so far as the course of training in the School permits.

The Professors of this School confidently believe that members of the profession availing themselves of the services of ~~xxxxxx~~ young men trained in this School of Civil Engineering will recognise a substantial advantage in the superior helpfulness of educated assistance so obtained. They venture to appeal to you for your personal support in this matter: hoping that you will encourage the scientific training of engineers by preferentially selecting from among graduates in Civil Engineering when ~~xxxxxx~~ seeking paid assistance, or by making your terms ^{of} apprenticeship specially favourable to young men who have ^{al} already expended labour, time and money on their profession^{al} education.

Enquiries respecting past graduates of the School or respecting young men qualified in this School may be addressed to:-

The Registrar, Engineering School, T.C.D.
and your application will receive the best attention of the Professor of Civil Engineering and the other Professors of the School.

18/2