But to return to the questions: what shall our students learn, and how shall they learn? The latter question is easily answered. How shall they learn? The latter question is easily answered. How shall they learn? I men for the past two hundred years or more in England, without any guidance, but with determination to succeed, have succeeded as the same of the same

that draughtsmen from a distance occupy the places that should have been their's.

When a boy comes as a pupil to an architect, he should possess some knowledge of the work he is about to take up. He must at least have developed some taste for drawing, and have shown that he takes some interest in building operations. He must have had a fair education, which of course includes a grounding in mathematics, mechanics, chemistry, geology, and so on; and so much the better if his opportunities have enabled him to master the rudiments of geometry, and perspective and other mechanical drawing, and if he has done something in the way of sketching.

On leaving school and entering an office he must give up the idea that he is entering a higher branch of his school. Here it depends upon himself to keep up and improve his knowledge on many subjects of vital importance to him as an architect, but for the study of which he will have little of no opportunities given him in the office. He must draw, and draw constantly, the must read both in French and English, if not in German. His drawing must be both mechanical and frechand, and his reading must be on the history of the art, on materials and their application. He must familiarize himself with the characteristics of the various styles of architecture, and he must practice design and devote some time to the study of planning. It has been said that the plan of a building proves the skill of the architect, rather than the elevations. When a man builds he generally prefers to have his home arranged to suit his comfort, rather than to attract the notice of passers-by by an elaborate edifice without the comforts of good planning.

rather than the elevations. When a man builds he generally prefers to have his home arranged to suit his comfort, rather than to attract the notice of passers-by by an elaborate edifice without the comforts of good planning.

In the study of planning, a student must know what are the requirements of the class of the man to which his supposed client belongs, or if he is planning a public tuilty of the supposed client belongs, or if he is planning a public tuilty of the planning and the class of the man to which his supposed client belongs, or if he is planning a public tuilty of the planning of the planning and the planning has been the planning and the planning has been has been the planning has

tions for practice, must be fairly searching and complete. We do not want to frighten our students or to trouble them about matters that 'present students have little or no opportunity to study. Periodical examinations should be encouragements—they should be mile stones on the way to the final, by which the knowledge acquired in the intermediate periods can be tested; they should be arranged with a view to showing a student what he should accomplish at each stage, and they should therefore be no harder than necessary. They should be an assistance rather than deterents to meant that certain subjects should be taken uponly at the final examination, and only by those who are specially levelling, quantities, acousties and modelling; but they should, I think, be extended to include accomplish the subjects or design, construction and decoration. As in France and Germany, the best work will only be entrusted to those who attained distinction through passing the most complete tests, so it should the with us; but there should be some special subjects on design, which should mark the successful candidate and give him a distinction make our canninations too severe, we shall fall into the error other.

If we make our examinations too severe, we shall fall into the error other architectural associations have fallen into, of discouraging students, and this to an extent that will multiply the benefit of our Association and leave room for the formation in the inture of a rival society that will multiply the them to the control of the formation in the inture of a rival society that will make meanly meet the necessities of would-be architects, and which will take the wind out of

our sails. In conclusion, let me say that in my endeavors to bring this matter par-ticularly before this congress, I am conscious that I have given it a very cursory treatment, and that it deserves more than it has now received, but I trust that the inadequacies of my paper may be in some wav made up for by the discussion that I hope will follow.

DISCUSSION.

Mr. Gordon: In rising to move a vote of thanks to Mr. Bousfield for his excellent paper, in opening up this subject, I would like to ask you if the Council have arranged the curriculum of study and examination for the various students in the various years? What has been done in that?

years? What has been done in that?

The President: I am hardly prepared to answer that question. The Secretary: The question has been taken up to some extent, and what has been done was published a month or six weeks ago. Although the matter has not been fully determined upon by the Council, they have published this as the statement of what has been done so far, with a view of ascertaining the feeling of the other numbers of the profession upon the subject. (Reads outline of studies, etc.)

The President: Does that meet your requirements, Mr. Gordon?

Gordon?

Mr. Gordon: Yes, that is what I wanted placed before the

meeting.

The President: That was the course Mr. Bousfield mentioned in his paper; it has been fully determined upon.

Mr. Darling: I decidedly think the question of design should the beauty of the beauty of the property. Mr. Darling: I decidedly think the question of design should come into that honor course. It is very much higher than levelling and such things, which only touch on our profession, but are not a part of it. (Applause.)

Mr. Billings: Has this outline been determined upon by the Council, and is it to be considered by this meeting?

The President: These have not been finally determined upon. The whole subject is in the hands of the Council, and will be firther discussed by them.

further discussed by them

Mr. Billings: Is any discussion allowed at present on the subject?

The President: Oh, yes.

Mr. Billings: Many of the members of the Institute at Ottawa Mr. Billings: Many of the members of the Institute at Ottawa student. In Ottawa, though we have both English and French people, none of the architects write specifications in French, nor do they use two languages at all. Even French contractors find it easier to read the specifications in English. The Ottawa architects thought French might be a very good thing for a student to know, but wanted to know what the ideas of the Council were in placing it on the list as a necessary subject for students to pass on. Another thing that they did not understand was why these particular kinds of architecture should be specified for intermediate examination; they thought it was rather old-fashioned kind of work, and that almost any examples from any architectural work, that had been carefully measured rather old-lastilloned kind of work, and that almost any examples from any architectural work, that had been carefully measured or copied, would probably do just as well, as long as they were chosen well. They thought Norman might do as well as Decorative, and Byzantine would do as well as Perpendicular. Then, again, "one set detail construction of roof, traced, with joints and iron work drawn to large scale." Now, iron roofs are things that a student, as a rule, in his second intermediate, is hardly up to.

A delegate: It is a wood roof. Mr. Billings: It says "with joints and iron work drawn to

large scale."
The President: There is a certain amount of iron work—bolts and straps

Mr. Billings: Still, a man might have a roof without any iron in it at all. (Laughter.) There is one thing the Institute are very anxious to learn about-

Mr. Curry (interrupting): How does it come that two members of the Council in Ottawa are members of that Institute, and this matter was settled when those members were present, and they know as much about this question as we do? There is an impression that the Toronto members have done something without consulting the Ottawa members. Now, there has been nothing done-whatever as far as I know. (Order, order.)

The President: When one gentleman has the floor he must