

In their Second Year they take a course in Mechanics, not practical, but theoretical (Loney's Statics and Dynamics), and work a large number of examples until they get the required facility. In their Second Year they also attend a course in Electricity and Magnetism, such as is covered in Duncan and Starling, with a little of the higher work on Alternating Currents and also much Inductance and Capacity. The laboratory work is also of a higher standard than that which obtains in the First Year.

(2) There are students of distinct ability in Mathematics with a strong leaning to Physics who are in our courses of Honour Mathematics and Physics. I trust that such students will be forthcoming in Newfoundland, and, according to their ability, they should be treated as Honour Students and taken forward as fast and as far as they possibly can be without any undue cramming.

We should welcome Honour Students of that type entering our Third Year.

A certain amount of elementary Chemistry is desirable for such students and a sound knowledge of English; a reading knowledge of French and German is useful.

Such students form the flower of our Universities, as regards scientific education. They obtain prizes like the Moyse Travelling Fellowship, or the 1881 Exhibition Scholarship. We want many more students of this type in Canada. They can be inspired better in small classes of hand-picked men with enthusiastic and capable teachers rather than in the mass production and mass education which is tending to prevail on this Continent.