

man have a college education, but where such an education in itself is not enough. The man must have some experience, the result of practical work. One grievance I have against technical schools is that the young men who graduate from them are allowed to consider themselves as fully equipped engineers, who can demand substantial salaries. In all our engineering work we insist on a man having an engineering college education and I know that there are twice the number of vacancies for college men than there are for men with general practical experience only. electrical apparatus is often so complicated, especially in alternating current work, the disturbances are so complex that a man who can think scientifically and technically is required on the ground. The college educated engineer is trained to think and reason and he has been educated to express his thoughts in the form of reports concisely and carefully, he is the man who has the greatest chance of advancement. This has been my experience here and I feel sure it is the same in all large cities. . . . "

From a distinguished professor in a school of electrical engineering: . . . "Graduates in electrical engineering from colleges of repute are in great demand by the large electrical manufacturing companies of the United States. It is felt by graduates at present that they will get a training of much wider scope in the United States than with Canadian companies, offshoots of American companies who have most of their engineering work done for them by the parent companies across the border. . . . These graduates after one or two years' experience will come back to Canada and enter the service of the operating companies. The Power and Light companies of Montreal, Quebec, and the West principally have already absorbed quite a number. . . . It is my opinion that this order of things will be materially changed in the near future. The larger electrical manufacturing companies are now building large shops in Canada where Canadian graduates will obtain the practical experience needed. . . . The demand in Canada is bound to increase in a marked degree very soon. . . . "

"Graduates cannot expect to step right into engineering the day after graduation. An apprenticeship of one or two years in the shops is the best start. If the graduate is clever, conscientious and hardworking, the rise will be rapid and his monetary value