

problems. He must know more than his own narrow world in respect to forest products and supplies. He must know how to handle men. He must understand the relationship of matters which may influence the future, for he must be a seer into the future, for which he works.

Finally, most important of all, he must know how to reproduce his crop in better condition than he found Nature's crop, and this knowledge is the most difficult to attain, and calls for superior judgment, for it is not merely by planting, but by managing the cutting, the harvesting of the old crop that this is done. He must know how to protect his crop against damage by fire, insects, fungi, frost and drouth, and how to advance it in growth.

Lastly he must be a financier, for the ultimate object of his business, like any business, is the earning of a revenue, hence, his operations must be shown to produce a profit. Since the long time element in the production of the forest crop defers the harvest to a period which is so distant as to change all economic conditions, he is confronted with a compound interest calculation, requiring a great deal of judgment in the choice of the factors to be used.

In short, the forester must be a man of superior judgment if he is to be successful. For many, the only hope of success lies in the hope that their mistakes may not be found out during their lifetime; but we hope at this Institution to avoid, as far as possible, the creation of such, and to produce worthy leaders and assistants. Whether a man will turn out artist or artisan, organizer, business manager or investigator, teacher, or else mere assistant, must necessarily depend largely on his own native ability and effort.

DESCRIPTION OF FORESTRY COURSES AT THE UNIVERSITY OF TORONTO.

1. *Synoptical Course.* An introduction to the subject of forestry, and a survey of the economic and political aspects of timber-land management.

This course, carried on in seminary style, is designed also for students of political economy, and all those who desire a general knowledge of forestry problems. 25 hours.

2. *Descriptive Dendrology.* A taxonomic study of the forest trees of North America, laying special stress on the characteristics which lead to the recognition of the species in the field; with practice work in securing familiarity with morphological and other characteristics for identifying Canadian trees and shrubs. 25 hours.