

small a matter as the purchasing of supplies will more than pay his salary. And in many cases the saving made, by his utilization of the by-products, has converted a money-losing plant into a flourishing one. In view of these facts we venture the assertion that in ten years this branch of engineering, at present in its infancy, will have developed until its size is commensurate with that of the older branches.

GENTLEMEN:

This is my last opportunity to talk to you as members of the Class of 1912. Your four-year college course has come to a close. You entered, a delightful raw material, to be fashioned into the finished product of the scholar and the gentleman. You survived the vicissitudes, the quizzes, tests, and examinations, and even the lectures in economics, logic, and psychology, and have reached Commencement Day in the full possession of your physical and mental vigor. I congratulate you upon this accomplishment.

I also thank you for the perseverance, the patience, and the good will with which you have traveled from class to class, from lecture-room to shop, laboratory, and drawing-room. I commend you for the victory you have won by the steady application to your work. May you look back in the future upon this period of your life as one of growth and achievement, and in going from college honors to success in life may you say with Matthew Arnold:

"For rigorous masters seized my youth,
And purged its faith, and trimmed its fire;
Showed me the high, white star of truth,
There bade me gaze, and there aspire."

What awaits you now is responsibility, care, and, perhaps, trouble and pain. Meet them bravely and do not shirk. You remember the proverb we once discussed, "The game is always at the end of the trail." Strike out courageously, and if you should find no trail, blaze one. Should your road be dusty, hot, and rough, do not forget that there must be game at the end of it, and the game you will find will be success and happiness, and love too, and the satisfaction of a life well spent. Hope and trust.

If ever you are in doubt as to your duty, think of Goethe's remark, "Our duties are the demands made upon us by each day." Show yourselves proof against self-deception. This is the best quality which a college education can give any man. With your keen sense of facts, with your fearlessness of youth, your gifts of clear comprehension, I hope you will be men plastic, unwearied, merciful, and temperate. Adopt the morals of the freeman, who feels that he is expected to keep the laws which he himself has been helping to make.

Thus, I say Godspeed, and if in the fierce competitive strife of your professional work you find an hour here and there for quiet introspective thought, think kindly of your former associates and teachers. Your instructors and fellow-students have enjoyed your company. Your Alma Mater is proud to let you go into the world as her representatives, and the thoughts of your old professor will accompany you with his very best wishes for your continued welfare.

L. C. Monin.