

He must be a mechanical engineer, be familiar with engines, boilers, mechanical devices, and principles in general. He must be a chemist—understanding the chemical actions of the electric current as well as its mechanical manifestations. He must understand and in fact be familiar with the subject of physics in general—know the laws of heat, of light, of rigid and moving bodies. That he must be a mathematician goes without saying. He must be a business man, familiar with those general principles of business, particularly, that apply to the management and manipulation of those interests in which electrical machinery and electrical processes are a vital part.

Any one of these requirements is usually regarded as a sufficient preparation for a profession or vocation, yet in addition to all of these the electrical engineer must add a specific intimate technical knowledge of electrical phenomena in general. No wonder he has a halo. He deserves it. May it never grow less. Civilization has her Goddess of Liberty. She will soon have her God of Electricity.

