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In Dr. Eldred Harrington¢ article ‰ngineers, Atomic Physics, and Mathematics+ he analysis the recurring tale of woe produced by engineers inconfident of their title as a professionalq Dr. Harrington is highly opinionated and does not suppress his thoughts as he dives into the insanity of such an idea. Dr. Harrington identifies engineers as appearing to be ‰he only educated people who do such soul seeking,+(Harrington 257). Throughout this article he compares the self analysis of an engineer to that of other educated individuals. He continues to discuss the unidentifiable parameters of a professional engineer, specifically concerning one¢ scope of knowledge, and in doing so provides a reassuring concept that ‰rofessional status is his and...that is was gained by the practice of engineering and not through exhaustive knowledge in other fields,+ (Harrington 260). Dr. Harrington establishes his credibility through his 35 years as a professional engineer and uses his experience to write an extremely opinionated and well-written article.

Dr. Harrington is quick to point out the stupidity of the articles these engineers are writing. A lawyer does not go about questioning their professional status in printed articles. Doing so would ruin their credibility with their clients, Dr. Harrison says %6 a corporation lawyero were to write to his journal that his work has been narrowed so much that he was now only a, highly paid clerk, a technician, and not a professional man+(Harrington, 257) then he would have no reason to do anything but believe them. Many of the engineers Dr. Harrington is referring to in this article are complaining that they are viewed as a technician in place of a professional. Dr. Harrington defines a professional man to be one who uses training and judgment to plan and not just follow orders to which Dr. Harrington argues back that mayone who just believes technicians do only routine tasks, leaving all the judgment and planningo to a professional... just hasnd been around very much+(Harrington, 258). He decontructs the concept that an engineer must be able to master various fields of study. That an engineer must understand atomic physics. That an engineer must be a master at mathematics. Professionalism, to Dr. Harrington, is not defined by the engineercs knowledge in other fields but rather the practice of engineering. Dr. Harrington provides insight to the world of professional engineering when he writes:

% If I have not been called upon in thirty-five years of engineering practice to use non_Euclidean geometry, Boolean algebra, advances calculus, or wave mechanics, it is probably because my work has been confined to civil and mining engineering+(Harrington, 259).

To become a %Rrofessional Engineer+yes you have to take an exam to test your knowledge, but the most important requirement is the 4 years of shadowing you must do. You have to work under a PE in order to gain the experience necessary to deem yourself %professional+.

This article was appealing to me in many ways. Dr. Harrington writes with such a unique style that grips you regardless of the topic. I have read other articles written by Dr. Harrington and I greatly appreciated the tinge of humor he incorporates into his writing. Aside from his stylistic qualities this article grew my attention because Dr. Harrington is sticking up for his fellow engineers. Dr. Harrington doesn**q** skip a beat as he disregards any indication that an engineer is unprofessional and urges us all to do the same.

Dr. Harrington, Eldred. "Engineers, Atomic Physics, and Mathematics" *An Engineer Writes About People and Places and Projects*, Ed. Dr. Harrington, Eldred, Dragon Wagon, 1997, 257-260.