EG 2401 Engineering Professionalism

Additional Notes II (Professionalism & Ethics Issues --

-The Advent of Machine/ Artificial Intelligence)

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"Another example… here on the advent of possibly truly potent Machine/ Artificial Intelligence… and how engineers must manage unknowns ahead…"

… engineers [need to] realize how their technical work has far reaching impacts on society. The work of engineers can affect public health and safety and can influence business practices and even politics. …

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Mr. Elon Musk is a brilliant technology leader in this era… he is the Founder & CEO of Tesla Motors… the first entity to have truly made fully battery-powered full-scale cars available en-masse… note here especially his dedication to engineering ethics in service to humanity…

Professor Stephen Hawkings is of course the well-known physicist…

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> *Engineering is managing the unknown: You must test your design*
> *as thoroughly as time and resources permit to ensure that it*
> *operates safely and as planned.*

> *Engineering is managing the unknown: Also, you must use your*
> *creativity to attempt to forsee the possible consequences of your*
> *work.*

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