

IENG 366: Engineering Management Engineering Ethics Bonus Assignment Spring Term 2020

The Covid-19 Pandemic has given unprecedented opportunity to see the real-world application of professional ethics play out in real-time. Understanding that ethical codes differ with profession, and even between disciplines within a profession, it is important to be able to identify the stakeholders, perspectives, and ethical principles involved in a situation.

For the purposes of this exercise, please reference the NCEES Model Rules of Professional Conduct found on Slides ~~12–18~~ **8 – 12** of the Engineering Ethics lecture slides for 16 APR 2020.

President Donald Trump and Dr. Anthony Fauci have a direct line, employer-professional employee relationship similar to those many professional engineers have in industry.

- 1.) For a pandemic situation, briefly describe the differing perspectives and priorities of:
 - a. The Employer Stakeholder
 - b. The Professional Employee Stakeholder

- 2.) Using the section Licensee's Obligation to Society:
 - a. briefly describe a situation where a conflict between the employer and professional employee perspectives might occur in a pandemic outbreak, and
 - b. identify two different ethical principles (obligation number is sufficient) that might be at play in the situation.

- 3.) Sketch an ethical line drawing for the situation in (2.), then describe and place:
 - a. an unambiguous Positive Paradigm
 - b. an unambiguous Negative Paradigm
 - c. another **two** potential solutions

This assignment is worth double bonus weight. While students may discuss this assignment with others, the work must be done and submitted individually.

Submission of your work should be in pdf format and e-mailed to Dr. Jensen by 5:00 PM (MDT) on 24 APR, with the Subject: IENG 366 Ethics Bonus