

# **ME 345: Modeling and Simulation**

## **Professor Frank Fisher, Department of Mechanical Engineering**

**Note: This assignment is to be submitted online via CANVAS by 11:59pm on the Friday identified on the CANVAS website.**

Recall the first week of class, when you were provided with readings related to the following ME 345 Course Outcomes on the course website:

**Program Outcome 12: (Contemporary and Social Issues) a knowledge of contemporary and social issues in Mechanical Engineering and related fields**

Course Outcome 12-1. You are able to identify how the practice of engineering has changed due to the introduction of new engineering tools

**Program Outcome 13: (Lifelong learning) a recognition of the need for and an ability to engage in lifelong learning and development. (Old Program Outcome 12, ABET 3i)**

Course Outcome 13-1. You are able to utilize software tutorials and other self-study materials to learn how to apply new engineering software tools

**Assignment:** Identify ONE ADDITIONAL reference (that is not distributed in class or posted on the course website) which you feel is related to one of the Course Outcomes of the ME 345 course as identified above. Example of appropriate references include a book chapter, professional magazine article, etc. (An online blog could be appropriate in some circumstances; if you are not sure that your source is appropriate please email the instructor for prior approval.) Write a one-page reflection summarizing the article and how it relates to the Course Outcome above. **YOU MUST FIND YOUR OWN INDIVIDUAL ARTICLE.** Be sure to reference the source article appropriately so that it can be identified and reviewed by the instructor.

**Note 1:** One Page refers to 1 inch borders, single spacing, 12 font. Homework submissions flouting these guidelines will be deemed unprofessional and given ZERO credit for the assignment

**Note 2:** Each student must submit an individual reflection paper based on their own thoughts. Reflection papers that are written as teams will be given ZERO credit for the assignment.

**Note 3:** Plagiarism, both from the source itself and from other students, is a violation of the Honor Code and will be dealt with appropriately.